

**NAME**

b2sum – compute and check BLAKE2 message digest

**SYNOPSIS**

**b2sum** [*OPTION*]... [*FILE*]...

**DESCRIPTION**

Print or check BLAKE2 (512-bit) checksums.

With no *FILE*, or when *FILE* is –, read standard input.

**-b, --binary**

read in binary mode

**-c, --check**

read BLAKE2 sums from the *FILE*s and check them

**-l, --length**

digest length in bits; must not exceed the maximum for the blake2 algorithm and must be a multiple of 8

**--tag** create a BSD-style checksum

**-t, --text**

read in text mode (default)

**-z, --zero**

end each output line with NUL, not newline, and disable file name escaping

**The following five options are useful only when verifying checksums:**

**--ignore-missing**

don't fail or report status for missing files

**--quiet**

don't print OK for each successfully verified file

**--status**

don't output anything, status code shows success

**--strict**

exit non-zero for improperly formatted checksum lines

**-w, --warn**

warn about improperly formatted checksum lines

**--help** display this help and exit

**--version**

output version information and exit

The sums are computed as described in RFC 7693. When checking, the input should be a former output of this program. The default mode is to print a line with checksum, a space, a character indicating input mode ('\*' for binary, ' ' for text or where binary is insignificant), and name for each *FILE*.

**AUTHOR**

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**REPORTING BUGS**

GNU coreutils online help: <<https://www.gnu.org/software/coreutils/>>

Report b2sum translation bugs to <<https://translationproject.org/team/>>

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**SEE ALSO**

Full documentation at: <<https://www.gnu.org/software/coreutils/b2sum>>  
or available locally via: info '(coreutils) b2sum invocation'