

# Umask

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When you create a file or a directory, some default permissions will be set on them. This depends on the system, but I will usually be **666** for files and **777** for directories.

However, the default permissions will not be just taken from the system, they will also be reduced by the **umask**. **Umask** defines which permissions need to be reduced from the default.

So if the default permissions are **666** and **umask** is **022**, that means that the newly created file will have **666 - 022** which gives us **644** which is **rw-r--r--**. For directories this is **755** **rwxr-xr-x**.