

Converting Colors

Hex(000000)

Have a look what the booklet for
Hex(000000) contains.

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Color

Hex(000000)

Conversions

Conversions Part 1

Format	Color
Hex	000000
RGB	0, 0, 0
RGB Percent	0%, 0%, 0%
CMY	1.0000, 1.0000, 1.0000
CMYK	0.00, 0.00, 0.00, 1.00
HSL	0°, 0%, 0%
HSV	0°, 0%, 0%
XYZ	0.0000, 0.0000, 0.0000
YIQ	0.0000, 0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
R_YB	0, 0, 0
Decimal	0
CIE Lab	0.00, 0.00, 0.00
CIE LCh	0, 0.000, 0.000
Yxy	0.0000, 0.0000, 0.0000
Android (android.graphics.Color)	4278190080 (0xFF000000)
YUV	0.0000, 0.0000, 0.0000
Hunter-Lab	0.0000, NaN, NaN

Details

The Hex color `000000` is a dark color, and the **websafe** version is hex `000000`, and the color name is **black**. A complement of this color would be `000000`, and the grayscale version is `000000`.

A 20% lighter version of the original color is `303030`, and `000000` is the 20% darker color. If you saturate the color by 10%, you get `000000`, and if you desaturate by 10%, it is `000000`.

Distribution



Red (0%)

Green (0%)

Blue (0%)



Red (0%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (0%)

Yellow (0%)

Black (100%)



Cyan (100%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 000000 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 000000 by changing the saturation by 10% instead.

000000

1B1B1B

303030

474747

5E5E5E

777777

919191

ABABAB

C6C6C6

E2E2E2

Harmonies

Sweetspot

The sweet spot groups the original color and five complimentary colors.



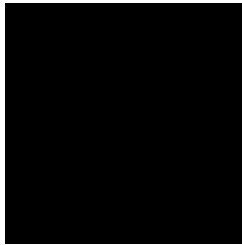
000000



808080

Previews

White Background



This preview shows how the Hex color 000000 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

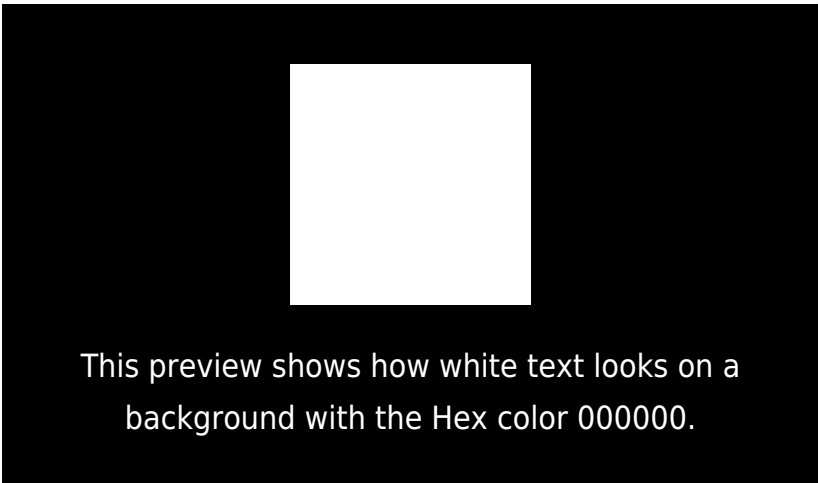
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

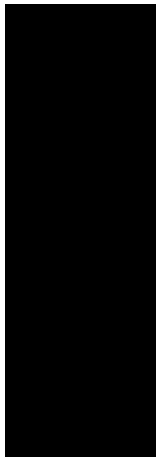
Hex 000000 Background



Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

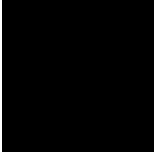
Dichromacy



Original Color
000000

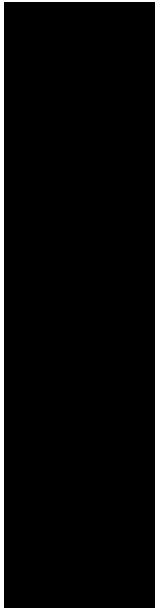
Protanopia
000000

Deuteranopia
000000



Tritanopia
000000

Trichromacy



Original Color

000000

Protanomaly

000000

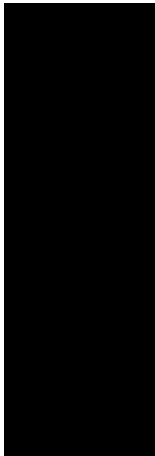
Deuteranomaly

000000

Tritanomaly

000000

Monochromacy



Original Color

000000

Achromatopsia

000000

Achromatomaly

000000

CSS Examples

Text

The CSS property to change the color of the text to Hex 000000 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #000000 looks like.

```
.text, #text, p{  
    color:#000000  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #000000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #000000
}
```

Border

The CSS property to change the border of an element to Hex 000000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

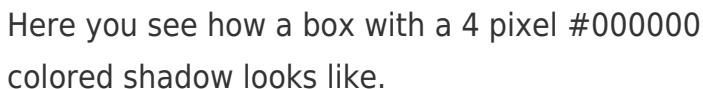
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#000000 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#000000 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #000000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #000000; -webkit-box-shadow:4px 4px  
4px 4px #000000; box-shadow:4px 4px 4px  
4px #000000 }
```

Background

The CSS property to change the background color of an element to Hex 000000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#000000 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#000000 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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