

Converting Colors

Hex(030000)

Have a look what the booklet for
Hex(030000) contains.

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Color

Hex(030000)

Conversions

Conversions Part 1

Format	Color
Hex	030000
RGB	3, 0, 0
RGB Percent	1%, 0%, 0%
CMY	0.9882, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.99
HSL	0°, 100%, 1%
HSV	0°, 100%, 1%
XYZ	0.0376, 0.0194, 0.0018
YIQ	0.8970, 1.7880, 0.6360

Conversions

Conversions Part 2

Format	Color
RYB	3, 0, 0
Decimal	196608
CIELab	0.17, 0.78, 0.28
CIELCh	0, 0.832, 19.405
Yxy	0.0194, 0.6401, 0.3300
Android (android.graphics.Color)	4278386688 (0xFF030000)
YUV	0.8970, -0.4422, 1.8443
Hunter-Lab	1.3914, 2.3828, 0.8991

Details

The Hex color **030000** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000303**, and the grayscale version is **010101**.

A 20% lighter version of the original color is **323030**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **030000**, and if you desaturate by 10%, it is **030000**.

Distribution



Red (1%)

Green (0%)

Blue (0%)



Red (1%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (99%)



Cyan (99%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030000 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 030000 by changing the saturation by 10% instead.

■ 030000

■ 030000

■ E5E2E2

■ 000000

■ 323030

■ 494747

■ 605E5E

■ 797777

■ 939191

■ ADABAB

■ C9C6C6

■ 030000

■ 030101

■ 030202

■ 030303

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



030001



030000



020000

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



030000



000100



000103

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



030000



000303

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



000102



030000



000100

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



030000



000100



000101



000003

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



030000



020000



000101



000103

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



030000



050404



030003



030202



828282



030303

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



030000



050000



030200



030202



420000



C20000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



000303



000505



000203



020303



004242



00C2C2

Previews

White Background



This preview shows how the Hex color 030000 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

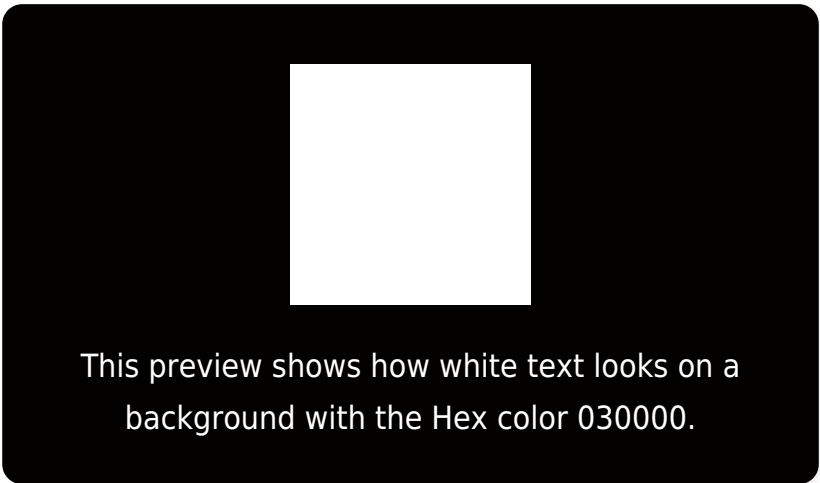
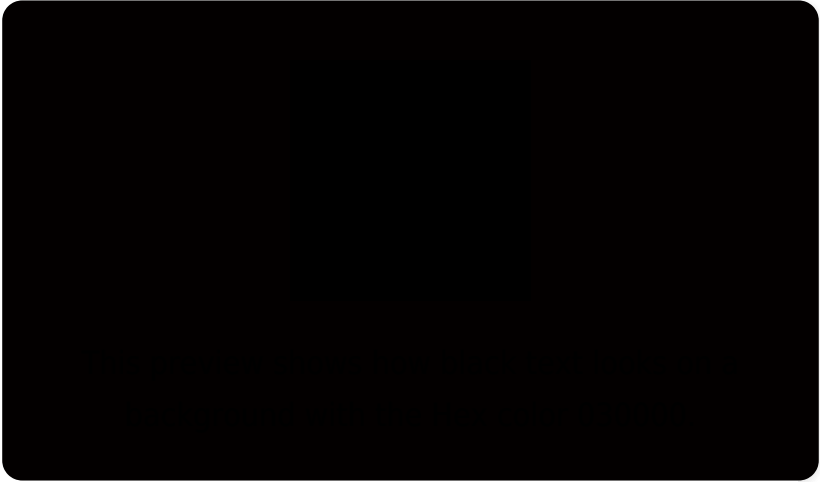
Any Text WCAG AA × Fail

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 030000 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
030000

Protanopia
020200

Tritanopia
030000

Trichromacy

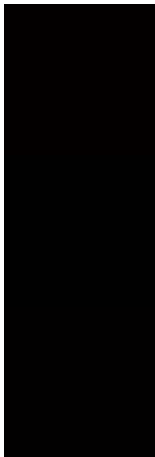


Original Color
030000

Protanomaly
020100

Tritanomaly
030000

Monochromacy



Original Color
030000

Achromatopsia
010101

Achromatomaly
020101

CSS Examples

Text

The CSS property to change the color of the text to Hex 030000 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 #030000 looks like.

```
.text, #text, p{  
    color:#030000  
}
```

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 #030000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030000
}
```

Border

The CSS property to change the border of an element to Hex 030000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

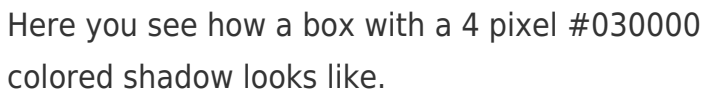
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030000 }
```

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

```
.border{ border-color:#030000 }
```

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



Here you see how a box with a 4 pixel #030000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030000; -webkit-box-shadow:4px 4px  
4px 4px #030000; box-shadow:4px 4px 4px  
4px #030000 }
```

Background

The CSS property to change the background color of an element to Hex 030000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030000 }
```

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

```
.background{ background-color:#030000 }
```

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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