

Converting Colors

Hex(030806)

Have a look what the booklet for
Hex(030806) contains.

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Color

Hex(030806)

Conversions

Conversions Part 1

Format	Color
Hex	030806
RGB	3, 8, 6
RGB Percent	1%, 3%, 2%
CMY	0.9882, 0.9686, 0.9765
CMYK	0.63, 0.00, 0.25, 0.97
HSL	156°, 45%, 2%
HSV	156°, 62%, 3%
XYZ	0.1573, 0.2062, 0.2038
YIQ	6.2770, -2.3380, -1.6820

Conversions

Conversions Part 2

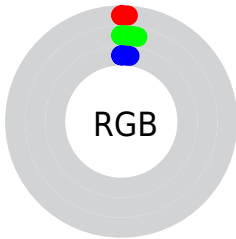
Format	Color
RYB	3, 6, 8
Decimal	198662
CIELab	1.86, -1.59, 0.30
CIELCh	2, 1.613, 169.430
Yxy	0.2062, 0.2772, 0.3635
Android (android.graphics.Color)	4278388742 (0xFF030806)
YUV	6.2770, -0.1366, -2.8739
Hunter-Lab	4.5406, -1.7641, 0.5173

Details

The Hex color **030806** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **080305**, and the grayscale version is **060606**.

A 20% lighter version of the original color is **323534**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **020806**, and if you desaturate by 10%, it is **040806**.

Distribution



Red (1%)

Green (3%)

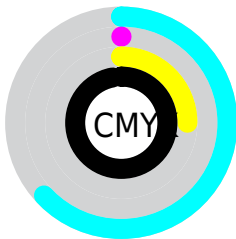
Blue (2%)



Red (1%)

Yellow (2%)

Blue (3%)

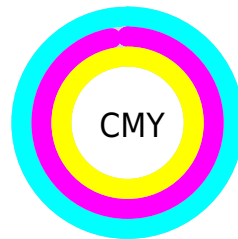


Cyan (63%)

Magenta (0%)

Yellow (25%)

Black (97%)



Cyan (99%)

Magenta (97%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 030806 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 030806 by changing the saturation by 10% instead.

■ 030806

■ 030806

■ E5E9E7

■ 000000

■ 323534

■ 484C4A

■ 606462

■ 797C7B

■ 939695

■ ADB1AF

■ C9CCCB

■ 030806

■ 030806

■ 020806

■ 040806

■ 010805

■ 050807

■ 000805

■ 060807

■ 070808

■ 080808

■ 090808

■ 090809

■ 0A0809

Harmonies

Analogous

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



050804



030806



020808

Triad

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



030806



06070B



0B0604

Complementary

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



030806



080305

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.



0B0606



030806



090609

Square

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



030806



04070B



0B0608



090603

Rectangle

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



030806



020809



0B0608



0B0604

Sweetspot

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



030806



080A09



050803



040505



858585



050505

Same Dimension

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



030806



030A07



030708



050505



004529



00C476

Inverse Universe

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



080305



0A0306



080403



050505



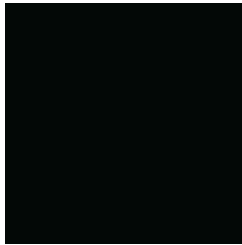
45001C



C4004F

Previews

White Background



This preview shows how the Hex color 030806 looks on a white background.

Color Contrast Check

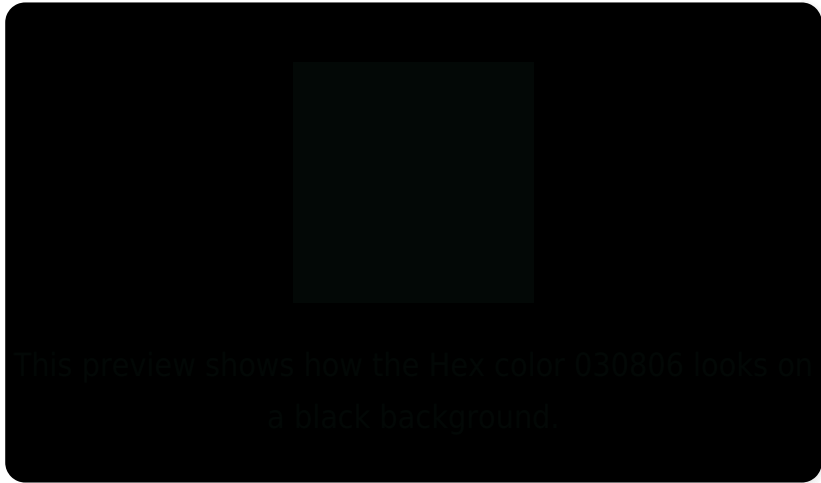
Large Text (above 18pt) WCAG AA ✓ Pass

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

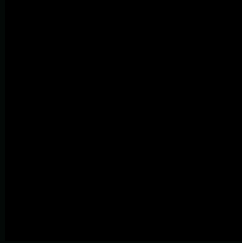
Any Text WCAG AA × Fail

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 030806 Background



This preview shows how black text looks on a background with the Hex color 030806.

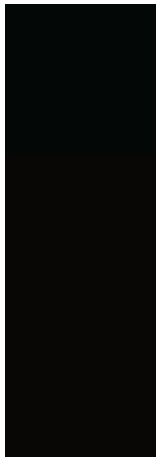


This preview shows how white text looks on a background with the Hex color 030806.

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
030806

Protanopia
080706

Deuteranopia
080706



Tritanopia
040808

Trichromacy



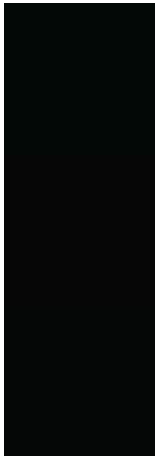
Original Color
030806

Protanomaly
060706

Deuteranomaly
060706

Tritanomaly
040807

Monochromacy



Original Color
030806

Achromatopsia
060606

Achromatomaly
050706

CSS Examples

Text

The CSS property to change the color of the text to Hex 030806 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 #030806 looks like.

```
.text, #text, p{  
    color:#030806  
}
```

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 #030806 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #030806
}
```

Border

The CSS property to change the border of an element to Hex 030806 is called "border". The border property can be set on classes, ids or directly on the HTML element.

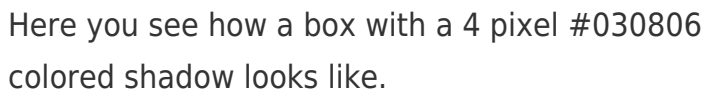
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#030806 }
```

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

```
.border{ border-color:#030806 }
```

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



Here you see how a box with a 4 pixel #030806 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #030806; -webkit-box-shadow:4px 4px  
4px 4px #030806; box-shadow:4px 4px 4px  
4px #030806 }
```

Background

The CSS property to change the background color of an element to Hex 030806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#030806 }
```

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

```
.background{ background-color:#030806 }
```

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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