

Converting Colors

Hex(080008)

Have a look what the booklet for
Hex(080008) contains.

Hex(080008)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(080008)

Conversions

Conversions Part 1

Format	Color
Hex	080008
RGB	8, 0, 8
RGB Percent	3%, 0%, 3%
CMY	0.9686, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.00, 0.97
HSL	300°, 100%, 2%
HSV	300°, 100%, 3%
XYZ	0.1440, 0.0692, 0.2355
YIQ	3.3040, 2.2000, 4.1840

Conversions

Conversions Part 2

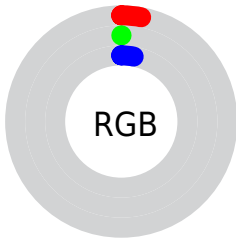
Format	Color
RYB	8, 0, 8
Decimal	524296
CIELab	0.62, 3.20, -2.29
CIELCh	1, 3.940, 324.439
Yxy	0.0692, 0.3209, 0.1542
Android (android.graphics.Color)	4278714376 (0xFF080008)
YUV	3.3040, 2.3151, 4.1184
Hunter-Lab	2.6297, 5.1702, -3.4685

Details

The Hex color **080008** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **000800**, and the grayscale version is **030303**.

A 20% lighter version of the original color is **353035**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **080008**, and if you desaturate by 10%, it is **080108**.

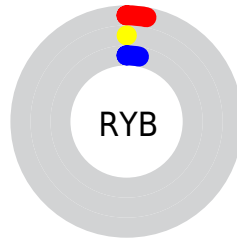
Distribution



Red (3%)

Green (0%)

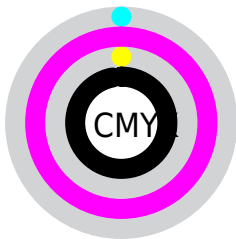
Blue (3%)



Red (3%)

Yellow (0%)

Blue (3%)

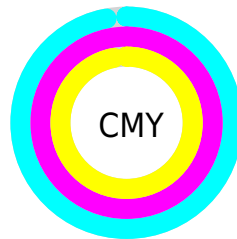


Cyan (0%)

Magenta (100%)

Yellow (0%)

Black (97%)



Cyan (97%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 080008 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 080008 by changing the saturation by 10% instead.

■ 080008

■ 080008

■ E9E2E9

■ 000000

■ 353035

■ 4C474C

■ 635E64

■ 7C777C

■ 969196

■ B1ABB1

■ CCC6CC

■ 080008

■ 080108

■ 080208

■ 080308

■ 080408

■ 080508

■ 080608

■ 080708

Harmonies

Analogous

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



02010B



080008



0C0003

Triad

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



080008



050200



000506

Complementary

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



080008



000800

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.



000401



080008



000300

Square

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



080008



090000



000400



00040A

Rectangle

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



080008



0D0000



000400



000405

Sweetspot

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



080008



0A070A



000008



050305



858585



050505

Same Dimension

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



080008



0A000A



080004



050505



450045



C400C4

Inverse Universe

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



080008



0A000A



000804



050505



450045



C400C4

Previews

White Background



This preview shows how the Hex color 080008 looks on a white background.

Color Contrast Check

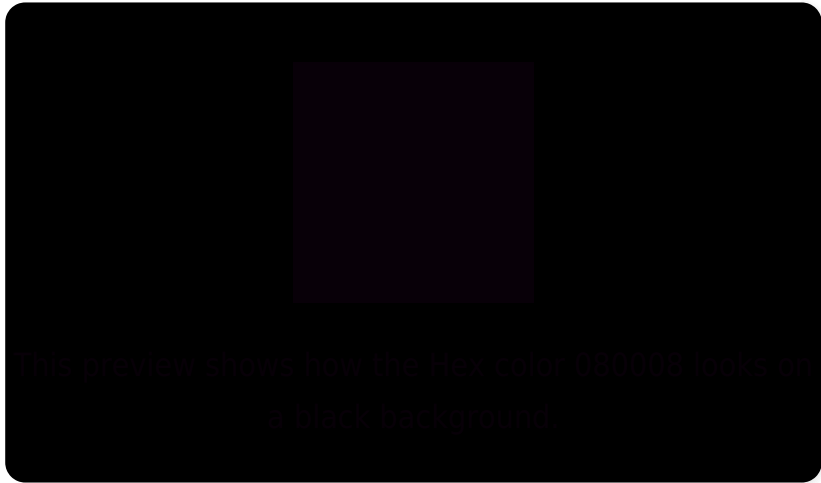
Large Text (above 18pt) WCAG AA ✓ Pass

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

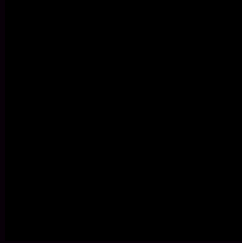
Any Text WCAG AA × Fail

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 080008 Background



This preview shows how black text looks on a background with the Hex color 080008.

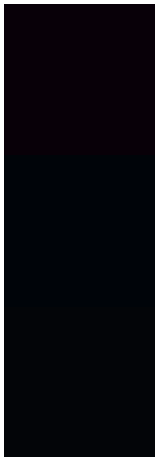


This preview shows how white text looks on a background with the Hex color 080008.

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
080008

Protanopia
000409

Deuteranopia
030508



Tritanopia
070303

Trichromacy



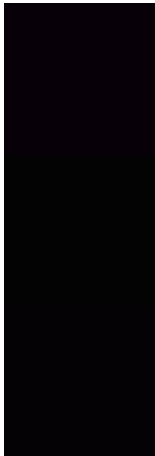
Original Color
080008

Protanomaly
030309

Deuteranomaly
050308

Tritanomaly
070205

Monochromacy



Original Color
080008

Achromatopsia
030303

Achromatomaly
050205

CSS Examples

Text

The CSS property to change the color of the text to Hex 080008 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 #080008 looks like.

```
.text, #text, p{  
    color:#080008  
}
```

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 #080008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #080008
}
```

Border

The CSS property to change the border of an element to Hex 080008 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
#080008 }
```

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

```
.border{ border-color:#080008 }
```

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

Here you see how a box with a 4 pixel #080008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #080008; -webkit-box-shadow:4px 4px  
4px 4px #080008; box-shadow:4px 4px 4px  
4px #080008 }
```

Background

The CSS property to change the background color of an element to Hex 080008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#080008 }
```

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

```
.background{ background-color:#080008 }
```

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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