

Converting Colors

Hex(3C0008)

Have a look what the booklet for
Hex(3C0008) contains.

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Color

Hex(3C0008)

Conversions

Conversions Part 1

Format	Color
Hex	3C0008
RGB	60, 0, 8
RGB Percent	24%, 0%, 3%
CMY	0.7647, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.87, 0.76
HSL	352°, 100%, 12%
HSV	352°, 100%, 24%
XYZ	1.9073, 0.9782, 0.3180
YIQ	18.8520, 33.1920, 15.2080

Conversions

Conversions Part 2

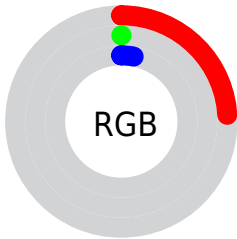
Format	Color
R_{YB}	60, 0, 8
Decimal	3932168
CIE _{Lab}	8.81, 28.94, 10.64
CIE _{LCh}	9, 30.833, 20.184
Yxy	0.9782, 0.5954, 0.3053
Android (android.graphics.Color)	4282122248 (0xFF3C0008)
YUV	18.8520, -5.3500, 36.0868
Hunter-Lab	9.8904, 17.1148, 5.0169

Details

The Hex color **3C0008** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003C34**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **703035**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3C0008**, and if you desaturate by 10%, it is **3C060D**.

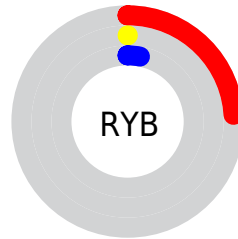
Distribution



Red (24%)

Green (0%)

Blue (3%)



Red (24%)

Yellow (0%)

Blue (3%)

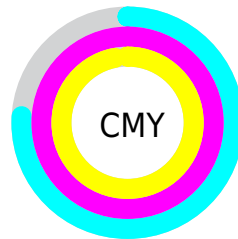


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C0008 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 3C0008 by changing the saturation by 10% instead.

 3C0008

 3C0008

 FFE7E8

 250001

 703035

 000000

 8B474B

 A66063

 C3797C

 E09496

 FDAFB1

 FFCACC

 3C0008

■ 3C060D

■ 3C0C12

■ 3C1218

■ 3C181D

■ 3C1E22

■ 3C2427

■ 3C2A2C

■ 3C3032

■ 3C3637

Harmonies

Analogous

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



390021



3C0008



350B00

Triad

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



3C0008



002100



001E42

Complementary

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



3C0008



003C34

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.



002239



3C0008



002311

Square

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



3C0008



131C00



002327



001740

Rectangle

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



3C0008



2C1300



002327



001F40

Sweetspot

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



3C0008



4F373A



34003C



291A1C



A8A8A8



292929

Same Dimension

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



3C0008



4F000B



3C1600



1F1C1C



5E000D



DE001E

Inverse Universe

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



3C0008



4F000B



00263C



1F1C1C



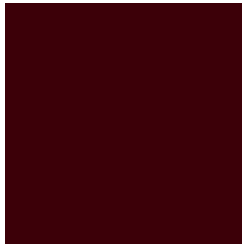
5E000D



DE001E

Previews

White Background



This preview shows how the Hex color 3C0008 looks on a white background.

Color Contrast Check

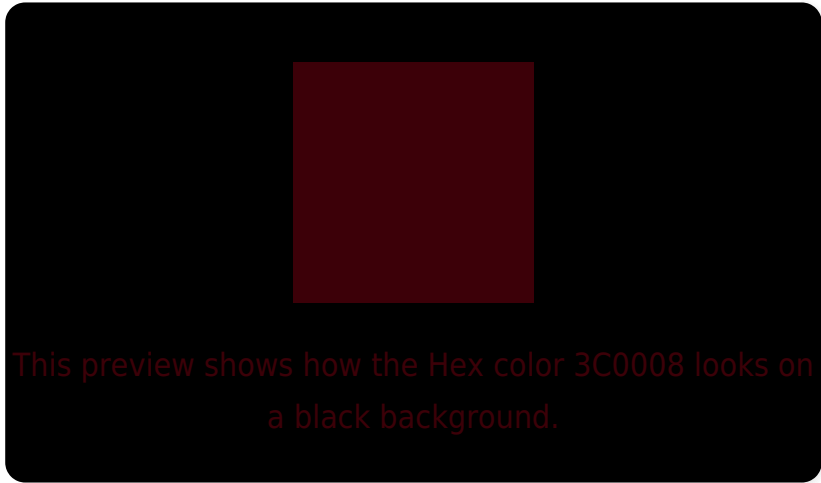
Large Text (above 18pt) WCAG AA ✓ Pass

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

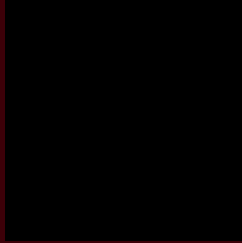
Any Text WCAG AA × Fail

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 3C0008 Background



This preview shows how black text looks on a background with the Hex color 3C0008.

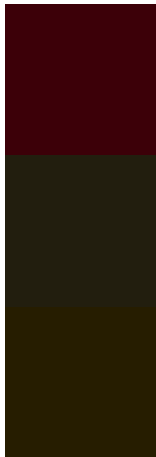


This preview shows how white text looks on a background with the Hex color 3C0008.

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](#).

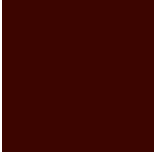
Dichromacy



Original Color
3C0008

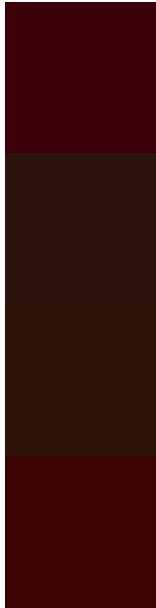
Protanopia
221E0E

Deuteranopia
261D00



Tritanopia
3C0500

Trichromacy



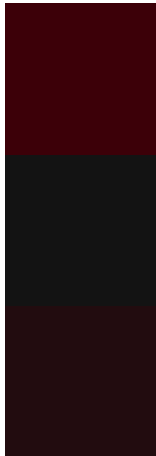
Original Color
3C0008

Protanomaly
2B130C

Deuteranomaly
2E1203

Tritanomaly
3C0303

Monochromacy



Original Color
3C0008

Achromatopsia
131313

Achromatomaly
220C0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C0008 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 #3C0008 looks like.

```
.text, #text, p{  
    color:#3C0008  
}
```

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 #3C0008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C0008  
}
```

Border

The CSS property to change the border of an element to Hex 3C0008 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  
#3C0008 }
```

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

```
.border{ border-color:#3C0008 }
```

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

Here you see how a box with a 4 pixel #3C0008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C0008; -webkit-box-shadow:4px 4px  
4px 4px #3C0008; box-shadow:4px 4px 4px  
4px #3C0008 }
```

Background

The CSS property to change the background color of an element to Hex 3C0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C0008 }
```

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

```
.background{ background-color:#3C0008 }
```

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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