

Converting Colors

Hex(3D0008)

Have a look what the booklet for
Hex(3D0008) contains.

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Color

Hex(3D0008)

Conversions

Conversions Part 1

Format	Color
Hex	3D0008
RGB	61, 0, 8
RGB Percent	24%, 0%, 3%
CMY	0.7608, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.87, 0.76
HSL	352°, 100%, 12%
HSV	352°, 100%, 24%
XYZ	1.9683, 1.0096, 0.3209
YIQ	19.1510, 33.7880, 15.4200

Conversions

Conversions Part 2

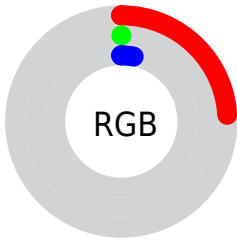
Format	Color
RYB	61, 0, 8
Decimal	3997704
CIELab	9.07, 29.24, 11.05
CIELCh	9, 31.258, 20.704
Yxy	1.0096, 0.5967, 0.3061
Android (android.graphics.Color)	4282187784 (0xFF3D0008)
YUV	19.1510, -5.4974, 36.7016
Hunter-Lab	10.0480, 17.3821, 5.1403

Details

The Hex color **3D0008** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **003D35**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **713035**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **3D0008**, and if you desaturate by 10%, it is **3D060D**.

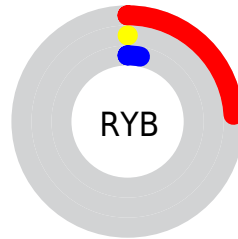
Distribution



Red (24%)

Green (0%)

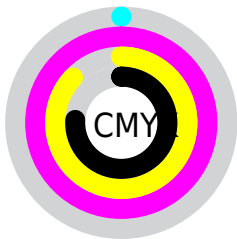
Blue (3%)



Red (24%)

Yellow (0%)

Blue (3%)

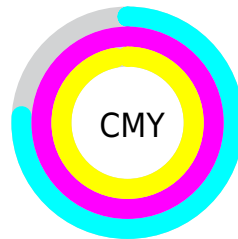


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (76%)



Cyan (76%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D0008 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 3D0008 by changing the saturation by 10% instead.

 3D0008

 3D0008

 FFE7E8

 270001

 713035

 000000

 8C484B

 A86063

 C47A7C

 E19496

 FFAFB1

 FFCBCC

 3D0008

■ 3D060D

■ 3D0C13

■ 3D1218

■ 3D181D

■ 3D1F23

■ 3D2528

■ 3D2B2D

■ 3D3132

■ 3D3738

Harmonies

Analogous

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



3A0021



3D0008



350C00

Triad

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



3D0008



002100



001E43

Complementary

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



3D0008



003D35

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.



00223A



3D0008



002412

Square

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



3D0008



131D00



002428



011741

Rectangle

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



3D0008



2C1300



002428



002042

Sweetspot

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



3D0008



4F373A



35003D



291A1C



A8A8A8



292929

Same Dimension

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



3D0008



4F000A



3D1600



1F1C1C



5E000C



DE001D

Inverse Universe

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



3D0008



4F000A



00273D



1F1C1C



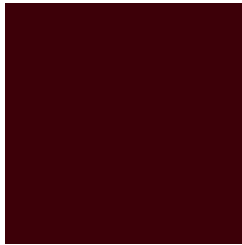
5E000C



DE001D

Previews

White Background



This preview shows how the Hex color 3D0008 looks on a white background.

Color Contrast Check

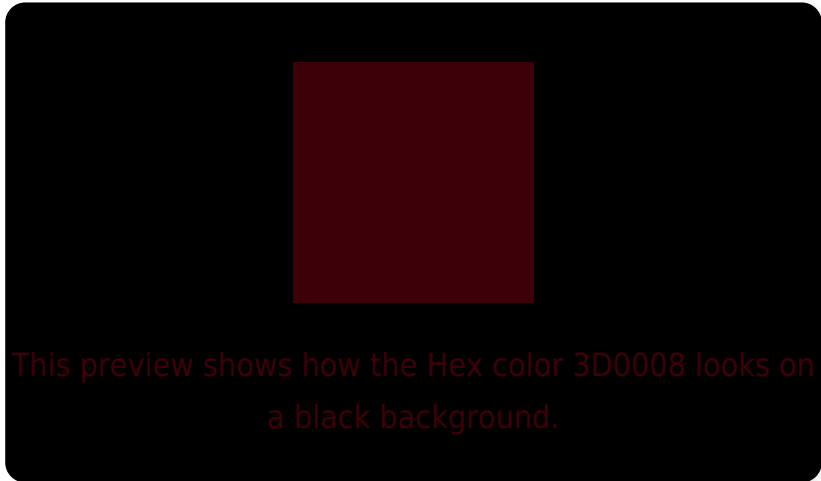
Large Text (above 18pt) WCAG AA ✓ Pass

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

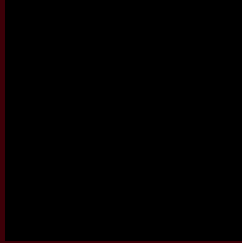
Any Text WCAG AA × Fail

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 3D0008 Background



This preview shows how black text looks on a background with the Hex color 3D0008.

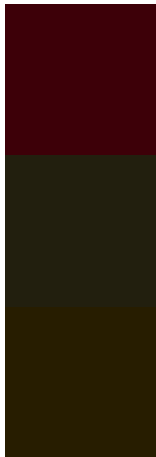


This preview shows how white text looks on a background with the Hex color 3D0008.

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
3D0008

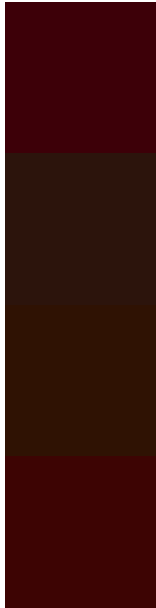
Protanopia
221F0E

Deuteranopia
271D00



Tritanopia
3D0600

Trichromacy



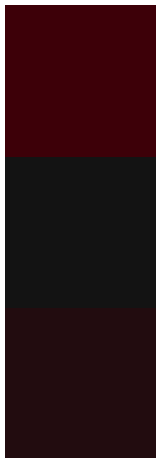
Original Color
3D0008

Protanomaly
2C140C

Deuteranomaly
2F1203

Tritanomaly
3D0403

Monochromacy



Original Color
3D0008

Achromatopsia
131313

Achromatomaly
220C0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D0008 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 #3D0008 looks like.

```
.text, #text, p{  
    color:#3D0008  
}
```

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 #3D0008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D0008
}
```

Border

The CSS property to change the border of an element to Hex 3D0008 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
#3D0008 }
```

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

```
.border{ border-color:#3D0008 }
```

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

Here you see how a box with a 4 pixel #3D0008 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D0008; -webkit-box-shadow:4px 4px  
4px 4px #3D0008; box-shadow:4px 4px 4px  
4px #3D0008 }
```

Background

The CSS property to change the background color of an element to Hex 3D0008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D0008 }
```

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

```
.background{ background-color:#3D0008 }
```

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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