

# Converting Colors

Hex(63000D)

Have a look what the booklet for  
Hex(63000D) contains.

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**Color**

**Hex(63000D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	63000D
RGB	99, 0, 13
RGB Percent	39%, 0%, 5%
CMY	0.6118, 1.0000, 0.9490
CMYK	0.00, 1.00, 0.87, 0.61
HSL	352°, 100%, 19%
HSV	352°, 100%, 39%
XYZ	5.2182, 2.6817, 0.6234
YIQ	31.0830, 54.8310, 25.0310

# Conversions

## Conversions Part 2

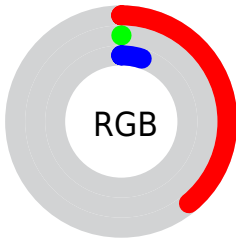
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	99, 0, 13
Decimal	6488077
CIE <sub>Lab</sub>	18.72, 40.37, 23.36
CIE <sub>LCh</sub>	19, 46.646, 30.055
Yxy	2.6817, 0.6122, 0.3146
Android (android.graphics.Color)	4284678157 (0xFF63000D)
YUV	31.0830, -8.9149, 59.5632
Hunter-Lab	16.3759, 28.2217, 9.2062

# Details

The Hex color **63000D** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006356**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **9C3B38**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **63000D**, and if you desaturate by 10%, it is **630A16**.

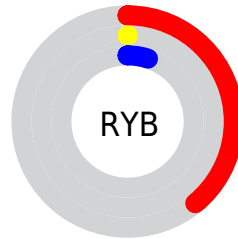
# Distribution



Red (39%)

Green (0%)

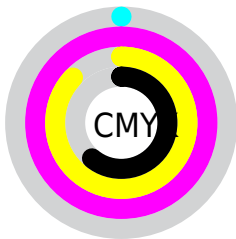
Blue (5%)



Red (39%)

Yellow (0%)

Blue (5%)

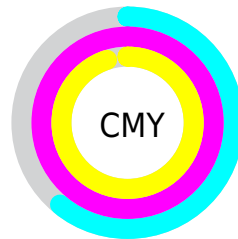


Cyan (0%)

Magenta (100%)

Yellow (87%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 63000D 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 63000D by changing the saturation by 10% instead.



 63000D

 63000D

 FFF9EC

 470000

 9C3B38

 2E0002

 BA554E

 000000

 D76E67

 F68980

 FFA49A

 FFC0B4

 FFDCCD0

 63000D

 630A16

 63141E

 631E27

 63282F

 633238

 633B41

 634549

 634F52

 63595A

# Harmonies

## Analogous

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



65002F



63000D



531D00

# Triad

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



63000D



003906



003272

# Complementary

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



63000D



006356

# 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.



003969



63000D



003B2D

# Square

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



63000D



173500



003B4F



242469

# Rectangle

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



63000D



432800



003B4F



003571



# Sweetspot

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



63000D



80595E



560063



40292C



BFBFBF



404040



# Same Dimension

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



63000D



800011



632400



302C2C



70000F



F0001F



# Inverse Universe

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



63000D



800011



003F63



302C2C



70000F

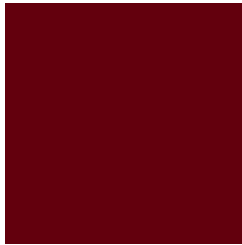


F0001F



# Previews

## White Background



This preview shows how the Hex color 63000D looks on a white background.

## Color Contrast Check

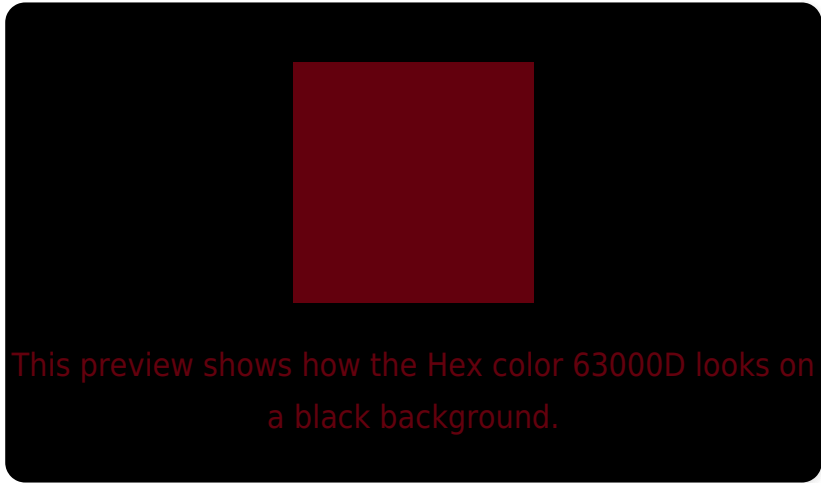
Large Text (above 18pt) WCAG AA ✓ Pass

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 63000D Background



This preview shows how black text looks on a background with the Hex color 63000D.



This preview shows how white text looks on a background with the Hex color 63000D.

# 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**  
63000D

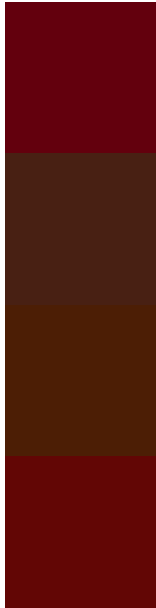
**Protanopia**  
383216

**Deuteranopia**  
3F2F00



**Tritanopia**  
620900

# Trichromacy



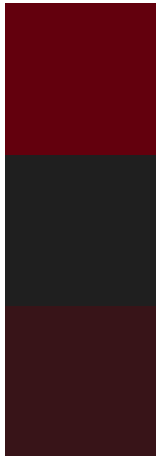
**Original Color**  
63000D

**Protanomaly**  
482013

**Deuteranomaly**  
4C1E05

**Tritanomaly**  
620605

# Monochromacy



**Original Color**  
63000D

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
381418

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 63000D 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 #63000D looks like.

```
.text, #text, p{  
    color:#63000D  
}
```

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 #63000D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #63000D
}
```

## Border

The CSS property to change the border of an element to Hex 63000D is called "border". The border property can be set on classes, ids or directly on the HTML element.

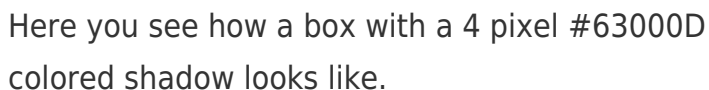
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#63000D }
```

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

```
.border{ border-color:#63000D }
```

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



Here you see how a box with a 4 pixel #63000D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #63000D; -webkit-box-shadow:4px 4px  
4px 4px #63000D; box-shadow:4px 4px 4px  
4px #63000D }
```

# Background

The CSS property to change the background color of an element to Hex 63000D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#63000D }
```

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

```
.background{ background-color:#63000D }
```

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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