

# Converting Colors

Hex(630008)

Have a look what the booklet for  
Hex(630008) contains.

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**Color**

**Hex(630008)**

# Conversions

## Conversions Part 1

Format	Color
Hex	630008
RGB	99, 0, 8
RGB Percent	39%, 0%, 3%
CMY	0.6118, 1.0000, 0.9686
CMYK	0.00, 1.00, 0.92, 0.61
HSL	355°, 100%, 19%
HSV	355°, 100%, 39%
XYZ	5.1894, 2.6702, 0.4716
YIQ	30.5130, 56.4360, 23.4760

# Conversions

## Conversions Part 2

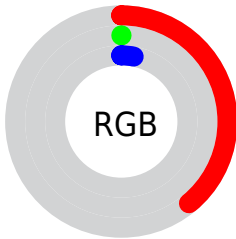
Format	Color
R <sub>Y</sub> B	99, 0, 8
Decimal	6488072
CIE Lab	18.67, 40.24, 25.45
CIE LCh	19, 47.609, 32.309
Yxy	2.6702, 0.6229, 0.3205
Android (android.graphics.Color)	4284678152 (0xFF630008)
YUV	30.5130, -11.0989, 60.0631
Hunter-Lab	16.3407, 28.0912, 9.7273

# Details

The Hex color **630008** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **00635B**, and the grayscale version is **1F1F1F**.

A 20% lighter version of the original color is **9C3B34**, and **2E0002** is the 20% darker color. If you saturate the color by 10%, you get **630008**, and if you desaturate by 10%, it is **630A11**.

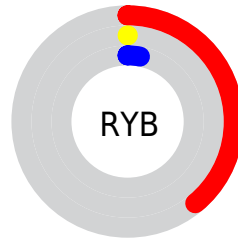
# Distribution



Red (39%)

Green (0%)

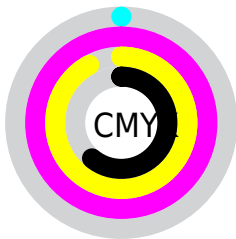
Blue (3%)



Red (39%)

Yellow (0%)

Blue (3%)

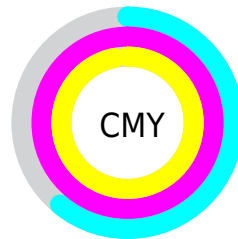


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 630008 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 630008 by changing the saturation by 10% instead.



 630008

 630008

 FFF9E8

 470000

 9C3B34

 2E0002

 BA544B

 000000

 D86E63

 F6897C

 FFA496

 FFC0B0

 FFDCCC

 630008

 630A11

 63141A

 631E23

 63282C

 633236

 633B3F

 634548

 634F51

 63595A

# Harmonies

## Analogous

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



66002C



630008



521E00

# Triad

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



630008



003908



003274

# Complementary

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



630008



00635B

# 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.



00396B



630008



003B2F

# Square

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



630008



123500



003B52



2A2269

# Rectangle

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



630008



412900



003B52



003573



# Sweetspot

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



630008



80595C



5B0063



40292B



BFBFBF



404040



# Same Dimension

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



630008



80000A



632900



302C2C



700009



F00013



# Inverse Universe

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



630008



80000A



003A63



302C2C



700009

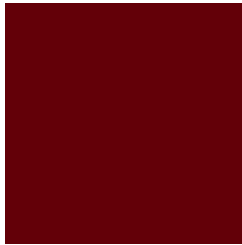


F00013



# Previews

## White Background



This preview shows how the Hex color 630008 looks on a white background.

## Color Contrast Check

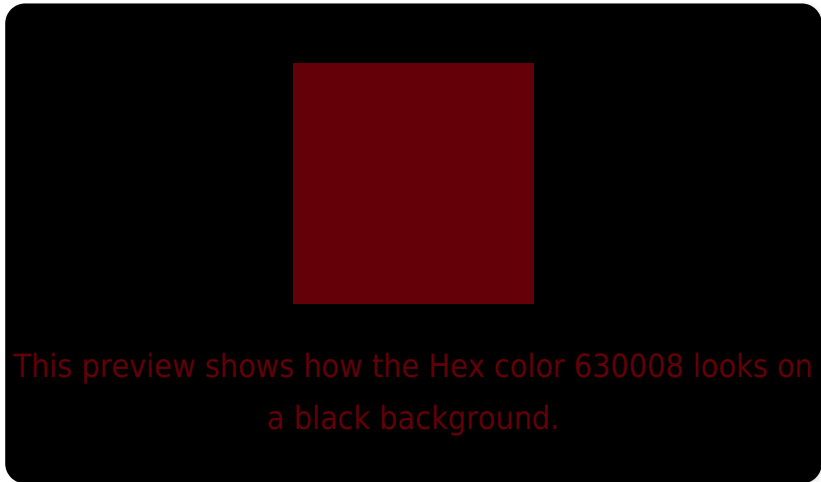
Large Text (above 18pt) WCAG AA ✓ Pass

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 630008 Background



This preview shows how black text looks on a background with the Hex color 630008.

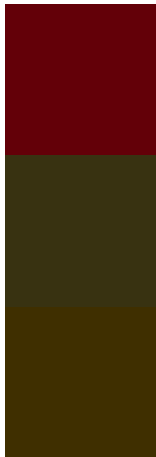


This preview shows how white text looks on a background with the Hex color 630008.

# 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**  
630008

**Protanopia**  
383211

**Deuteranopia**  
3F2F00



**Tritanopia**  
620900

# Trichromacy



**Original Color**  
630008

**Protanomaly**  
48200E

**Deuteranomaly**  
4C1E03

**Tritanomaly**  
620603

# Monochromacy



**Original Color**  
630008

**Achromatopsia**  
1F1F1F

**Achromatomaly**  
381417

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 630008 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 #630008 looks like.

```
.text, #text, p{  
    color:#630008  
}
```

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 #630008 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #630008
}
```

## Border

The CSS property to change the border of an element to Hex 630008 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".

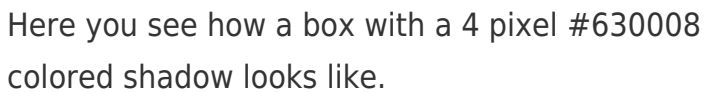
```
.border, #border, table{ border:4px solid
#630008 }
```

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

```
.border{ border-color:#630008 }
```

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

Here you see how a box with a 4 pixel #630008 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #630008 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #630008; -webkit-box-shadow:4px 4px  
4px 4px #630008; box-shadow:4px 4px 4px  
4px #630008 }
```

# Background

The CSS property to change the background color of an element to Hex 630008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#630008 }
```

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

```
.background{ background-color:#630008 }
```

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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