

# Converting Colors

Hex(640000)

Have a look what the booklet for  
Hex(640000) contains.

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# Color

**Hex(640000)**

# Conversions

## Conversions Part 1

Format	Color
Hex	640000
RGB	100, 0, 0
RGB Percent	39%, 0%, 0%
CMY	0.6078, 1.0000, 1.0000
CMYK	0.00, 1.00, 1.00, 0.61
HSL	0°, 100%, 20%
HSV	0°, 100%, 39%
XYZ	5.2555, 2.7093, 0.2460
YIQ	29.9000, 59.6000, 21.2000

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">100, 0, 0</a>
Decimal	<a href="#">6553600</a>
CIELab	<a href="#">18.84, 40.31, 28.96</a>
CIElCh	<a href="#">19, 49.640, 35.697</a>
Yxy	<a href="#">2.7093, 0.6401, 0.3300</a>
Android (android.graphics.Color)	<a href="#">4284743680 (0xFF640000)</a>
YUV	<a href="#">29.9000, -14.7407, 61.4777</a>
Hunter-Lab	<a href="#">16.4600, 28.1883, 10.6361</a>

# Details

The Hex color **640000** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006464**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **9E3B2F**, and **2F0002** is the 20% darker color. If you saturate the color by 10%, you get **640000**, and if you desaturate by 10%, it is **640A0A**.

# Distribution



Red (39%)

Green (0%)

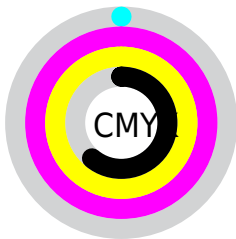
Blue (0%)



Red (39%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (100%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 640000 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 640000 by changing the saturation by 10% instead.



 640000

 640000

 FFF9E2

 470000

 9E3B2F

 2F0002

 BB5545

 000000

 D96E5D

 F88976

 FFA490

 FFC0AA

 FFDCC6

 640000

■ 640A0A

■ 641414

■ 641E1E

■ 642828

■ 643232

■ 643C3C

■ 644646

■ 645050

■ 645A5A

# Harmonies

## Analogous

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



6A0029



640000



502000

# Triad

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



640000



003A0D



003177

# Complementary

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



640000



006464

# 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.



003970



640000



003C34

# Square

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



640000



073700



003C58



322069

# Rectangle

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



640000



3E2B00



003C58



003577



# Sweetspot

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



640000



825B5B



640064



422A2A



C2C2C2



424242



# Same Dimension

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



640000



820000



643200



332E2E



730000



F20000



# Inverse Universe

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



006464



008282



003264



2E3333



007373

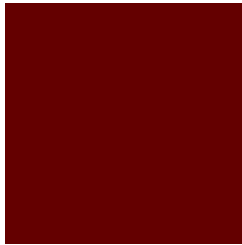


00F2F2



# Previews

## White Background



This preview shows how the Hex color 640000 looks on a white background.

## Color Contrast Check

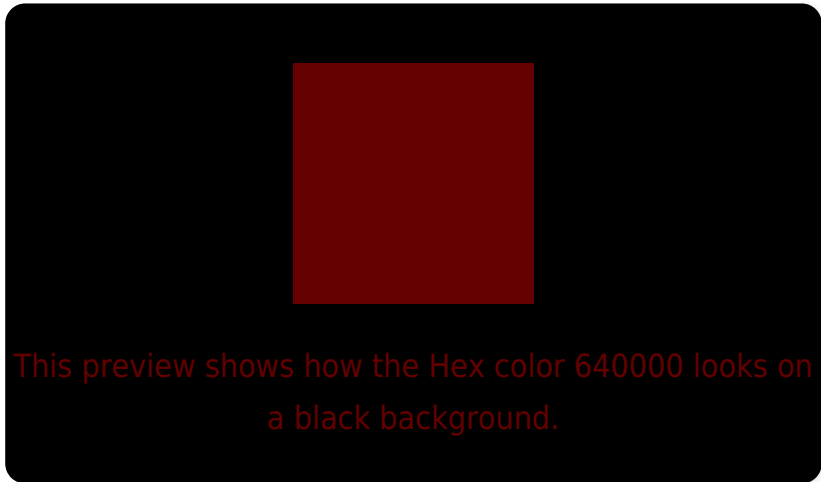
Large Text (above 18pt) WCAG AA ✓ Pass

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

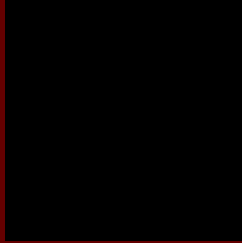
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 640000 Background



This preview shows how black text looks on a background with the Hex color 640000.



This preview shows how white text looks on a background with the Hex color 640000.

# 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](#).

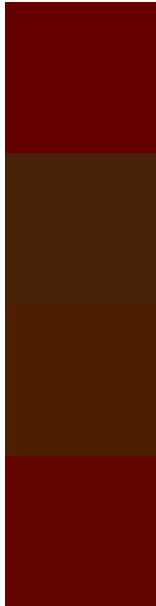
## Dichromacy





**Tritanopia**  
630900

# Trichromacy



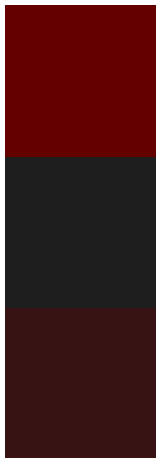
**Original Color**  
640000

**Protanomaly**  
492008

**Deuteranomaly**  
4D1F00

**Tritanomaly**  
630600

# Monochromacy



**Original Color**  
640000

**Achromatopsia**  
1E1E1E

**Achromatomaly**  
371313

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 640000 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 #640000 looks like.

```
.text, #text, p{  
    color:#640000  
}
```

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 #640000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640000
}
```

## Border

The CSS property to change the border of an element to Hex 640000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

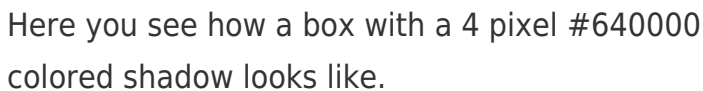
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640000 }
```

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

```
.border{ border-color:#640000 }
```

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



Here you see how a box with a 4 pixel #640000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640000; -webkit-box-shadow:4px 4px  
4px 4px #640000; box-shadow:4px 4px 4px  
4px #640000 }
```

# Background

The CSS property to change the background color of an element to Hex 640000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640000 }
```

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

```
.background{ background-color:#640000 }
```

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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