

# Converting Colors

Hex(640404)

Have a look what the booklet for  
Hex(640404) contains.

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# Color

**Hex(640404)**

# Conversions

## Conversions Part 1

Format	Color
Hex	640404
RGB	100, 4, 4
RGB Percent	39%, 2%, 2%
CMY	0.6078, 0.9843, 0.9843
CMYK	0.00, 0.96, 0.96, 0.61
HSL	0°, 92%, 20%
HSV	0°, 96%, 39%
XYZ	5.3209, 2.8049, 0.3758
YIQ	32.7040, 57.2160, 20.3520

# Conversions

## Conversions Part 2

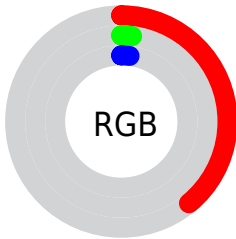
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	100, 4, 4
Decimal	6554628
CIELab	19.25, 39.35, 27.81
CIElCh	19, 48.186, 35.243
Yxy	2.8049, 0.6259, 0.3299
Android (android.graphics.Color)	4284744708 (0xFF640404)
YUV	32.7040, -14.1511, 59.0186
Hunter-Lab	16.7479, 27.4012, 10.3931

# Details

The Hex color **640404** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **046464**, and the grayscale version is **212121**.

A 20% lighter version of the original color is **9E3D31**, 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 **640E0E**.

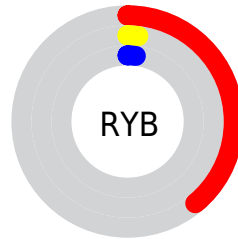
# Distribution



Red (39%)

Green (2%)

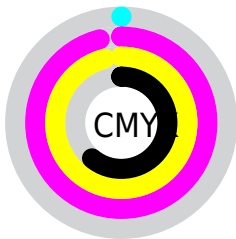
Blue (2%)



Red (39%)

Yellow (2%)

Blue (2%)

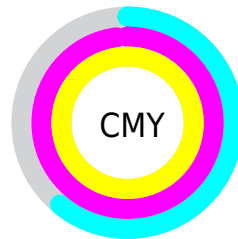


Cyan (0%)

Magenta (96%)

Yellow (96%)

Black (61%)



Cyan (61%)

Magenta (98%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 640404 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 640404 by changing the saturation by 10% instead.



 640404

 640404

 FFFBE5

 480000

 9E3D31

 2F0002

 BB5748

 000000

 D97060

 F78B79

 FFA693

 FFC2AD

 FFDEC9

 640404

 640404

■ 640000

■ 640E0E

■ 641818

■ 642222

■ 642C2C

■ 643636

■ 644040

■ 644A4A

■ 645454

■ 645E5E

# Harmonies

## Analogous

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



69002A



640404



512100

# Triad

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



640404



003B0E



003276

# Complementary

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



640404



046464

# 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.



003A6F



640404



003C34

# Square

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



640404



0D3700



003D57



322169

# Rectangle

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



640404



3F2C00



003D57



003576



# Sweetspot

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



640404



825C5C



640464



422B2B



C2C2C2



424242



# Same Dimension

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



640404



820000



643404



332E2E



730000



F20000



# Inverse Universe

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



046464



008282



043464



2E3333



007373

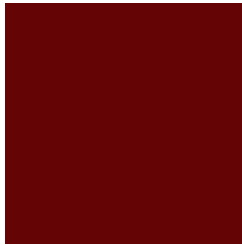


00F2F2



# Previews

## White Background



This preview shows how the Hex color 640404 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

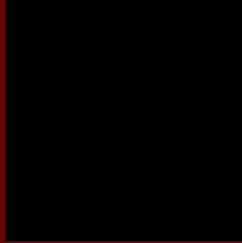
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 640404 Background



This preview shows how black text looks on a background with the Hex color 640404.



This preview shows how white text looks on a background with the Hex color 640404.

# 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**  
640404

**Protanopia**  
39330E

**Tritanopia**  
630900

# Trichromacy

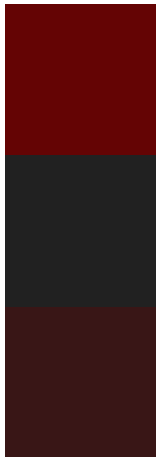


**Original Color**  
640404

**Protanomaly**  
49220A

**Tritanomaly**  
630701

# Monochromacy



**Original Color**  
640404

**Achromatopsia**  
212121

**Achromatomaly**  
391616

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 640404 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 #640404 looks like.

```
.text, #text, p{  
    color:#640404  
}
```

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 #640404 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #640404
}
```

## Border

The CSS property to change the border of an element to Hex 640404 is called "border". The border property can be set on classes, ids or directly on the HTML element.

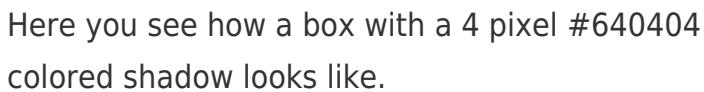
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#640404 }
```

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

```
.border{ border-color:#640404 }
```

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



Here you see how a box with a 4 pixel #640404 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #640404; -webkit-box-shadow:4px 4px  
4px 4px #640404; box-shadow:4px 4px 4px  
4px #640404 }
```

# Background

The CSS property to change the background color of an element to Hex 640404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#640404 }
```

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

```
.background{ background-color:#640404 }
```

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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