

# Converting Colors

Hex(660710)

Have a look what the booklet for  
Hex(660710) contains.

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# Color

**Hex(660710)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	660710
RGB	102, 7, 16
RGB Percent	40%, 3%, 6%
CMY	0.6000, 0.9725, 0.9373
CMYK	0.00, 0.93, 0.84, 0.60
HSL	354°, 87%, 21%
HSV	354°, 93%, 40%
XYZ	5.6490, 3.0141, 0.7743
YIQ	36.4310, 53.7310, 22.9390

# Conversions

## Conversions Part 2

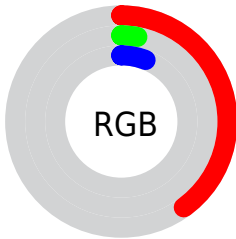
Format	Color
<a href="#">RYB</a>	<a href="#">102, 7, 16</a>
Decimal	<a href="#">6686480</a>
CIELab	<a href="#">20.10, 39.52, 23.58</a>
CIELCh	<a href="#">20, 46.021, 30.824</a>
Yxy	<a href="#">3.0141, 0.5986, 0.3194</a>
Android (android.graphics.Color)	<a href="#">4284876560 (0xFF660710)</a>
YUV	<a href="#">36.4310, -10.0725, 57.5040</a>
Hunter-Lab	<a href="#">17.3613, 27.6978, 9.5087</a>

# Details

The Hex color **660710** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **07665D**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **9F3F3A**, and **320002** is the 20% darker color. If you saturate the color by 10%, you get **66000A**, and if you desaturate by 10%, it is **661119**.

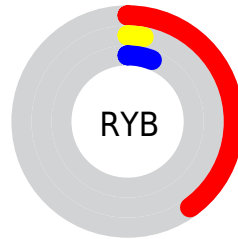
# Distribution



Red (40%)

Green (3%)

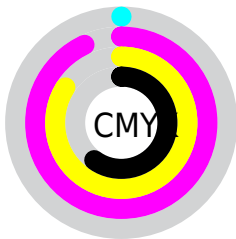
Blue (6%)



Red (40%)

Yellow (3%)

Blue (6%)

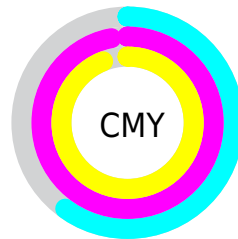


Cyan (0%)

Magenta (93%)

Yellow (84%)

Black (60%)



Cyan (60%)

Magenta (97%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 660710 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 660710 by changing the saturation by 10% instead.



 660710

 660710

 FFFEF0

 4A0000

 9F3F3A

 320002

 BD5951

 000000

 DB736A

 F98D83

 FFA99D

 FFC4B8

 FFE1D3

 660710

 660710

■ 66000A

■ 661119

■ 661B22

■ 66262C

■ 663035

■ 663A3E

■ 664447

■ 664E51

■ 66595A

■ 666363

# Harmonies

## Analogous

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



680031



660710



562100

# Triad

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



660710



003C0C



003575

# Complementary

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



660710



07665D

# 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.



003C6C



660710



003E31

# Square

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



660710



1A3800



003E53



2B276B

# Rectangle

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



660710



452B00



003E53



003874



# Sweetspot

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



660710



855F63



5D0766



422C2E



C2C2C2



424242



# Same Dimension

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



660710



85000D



662D07



332E2E



73000B



F20017



# Inverse Universe

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



660710



85000D



074066



332E2E



73000B

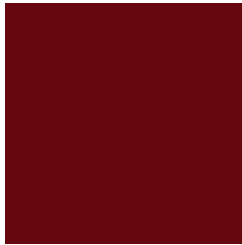


F20017



# Previews

## White Background



This preview shows how the Hex color 660710 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 660710 Background



This preview shows how black text looks on a background with the Hex color 660710.

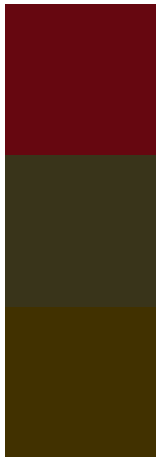


This preview shows how white text looks on a background with the Hex color 660710.

# 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**  
660710

**Protanopia**  
39341A

**Deuteranopia**  
413100



**Tritanopia**  
660904

# Trichromacy



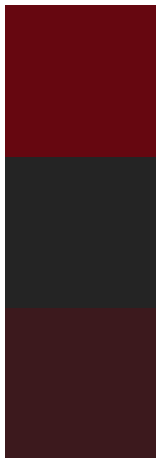
**Original Color**  
660710

**Protanomaly**  
492416

**Deuteranomaly**  
4E2206

**Tritanomaly**  
660808

# Monochromacy



**Original Color**  
660710

**Achromatopsia**  
242424

**Achromatomaly**  
3C191D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 660710 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 #660710 looks like.

```
.text, #text, p{  
    color:#660710  
}
```

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 #660710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660710
}
```

## Border

The CSS property to change the border of an element to Hex 660710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

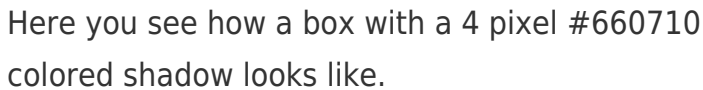
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660710 }
```

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

```
.border{ border-color:#660710 }
```

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



Here you see how a box with a 4 pixel #660710 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660710; -webkit-box-shadow:4px 4px  
4px 4px #660710; box-shadow:4px 4px 4px  
4px #660710 }
```

# Background

The CSS property to change the background color of an element to Hex 660710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660710 }
```

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

```
.background{ background-color:#660710 }
```

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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