

Converting Colors

Hex(660600)

Have a look what the booklet for
Hex(660600) contains.

Hex(660600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(660600)

Conversions

Conversions Part 1

Format	Color
Hex	660600
RGB	102, 6, 0
RGB Percent	40%, 2%, 0%
CMY	0.6000, 0.9765, 1.0000
CMYK	0.00, 0.94, 1.00, 0.60
HSL	4°, 100%, 20%
HSV	4°, 100%, 40%
XYZ	5.5446, 2.9550, 0.2781
YIQ	34.0200, 59.1420, 18.4860

Conversions

Conversions Part 2

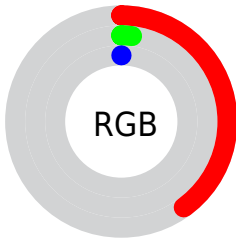
Format	Color
RYB	102, 6, 0
Decimal	6686208
CIELab	19.86, 39.33, 30.27
CIELCh	20, 49.632, 37.578
Yxy	2.9550, 0.6317, 0.3366
Android (android.graphics.Color)	4284876288 (0xFF660600)
YUV	34.0200, -16.7719, 59.6185
Hunter-Lab	17.1902, 27.4914, 11.0738

Details

The Hex color **660600** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **006066**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **A03F2F**, and **310002** is the 20% darker color. If you saturate the color by 10%, you get **660600**, and if you desaturate by 10%, it is **66100A**.

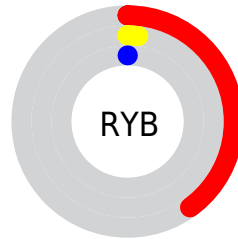
Distribution



Red (40%)

Green (2%)

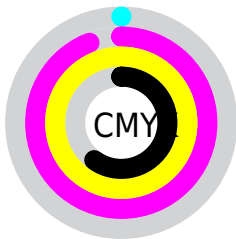
Blue (0%)



Red (40%)

Yellow (2%)

Blue (0%)

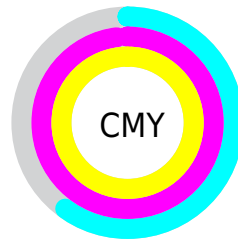


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (60%)



Cyan (60%)

Magenta (98%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 660600 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 660600 by changing the saturation by 10% instead.

 660600

 660600

 FFFDE2

 490000

 A03F2F

 310002

 BD5845

 000000

 DC725D

 FA8C76

 FFA890

 FFC3AA

 FFE0C6

 660600

 66100A

 661914

 66231F

 662C29

 663633

 66403D

 664947

 665352

 665C5C

Harmonies

Analogous

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



6D0029



660600



512300

Triad

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



660600



003D12



003279

Complementary

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



660600



006066

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.



003B74



660600



003E39

Square

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



660600



063900



003E5C



38206B

Rectangle

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



660600



3F2E00



003E5C



00367A

Sweetspot

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



660600



855F5D



660061



422C2A



C2C2C2



424242

Same Dimension

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



660600



850800



663800



332E2E



730700



F20E00

Inverse Universe

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



006066



007D85



002E66



2E3333



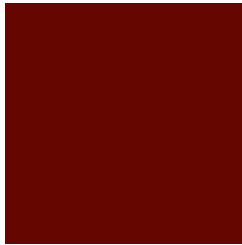
006C73



00E4F2

Previews

White Background



This preview shows how the Hex color 660600 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

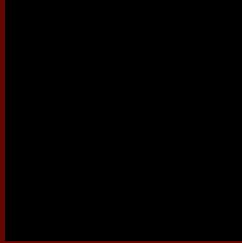
Any Text WCAG AA × Fail

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 660600 Background



This preview shows how black text looks on a background with the Hex color 660600.



This preview shows how white text looks on a background with the Hex color 660600.

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
660600

Protanopia
3A340D

Deuteranopia
413100



Tritanopia
660900

Trichromacy



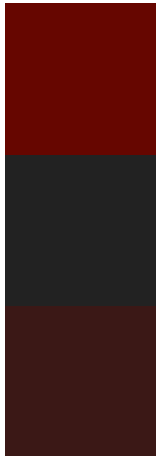
Original Color
660600

Protanomaly
4A2308

Deuteranomaly
4E2100

Tritanomaly
660800

Monochromacy



Original Color
660600

Achromatopsia
222222

Achromatomaly
3B1816

CSS Examples

Text

The CSS property to change the color of the text to Hex 660600 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 #660600 looks like.

```
.text, #text, p{  
    color:#660600  
}
```

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 #660600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #660600
}
```

Border

The CSS property to change the border of an element to Hex 660600 is called "border". The border property can be set on classes, ids or directly on the HTML element.

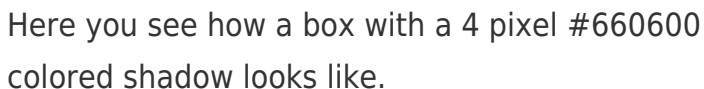
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#660600 }
```

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

```
.border{ border-color:#660600 }
```

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



Here you see how a box with a 4 pixel #660600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #660600; -webkit-box-shadow:4px 4px  
4px 4px #660600; box-shadow:4px 4px 4px  
4px #660600 }
```

Background

The CSS property to change the background color of an element to Hex 660600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#660600 }
```

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

```
.background{ background-color:#660600 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor