

# Converting Colors

Hex(600500)

Have a look what the booklet for  
Hex(600500) contains.

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# Color

**Hex(600500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	600500
RGB	96, 5, 0
RGB Percent	38%, 2%, 0%
CMY	0.6235, 0.9804, 1.0000
CMYK	0.00, 0.95, 1.00, 0.62
HSL	3°, 100%, 19%
HSV	3°, 100%, 38%
XYZ	4.8781, 2.5953, 0.2438
YIQ	31.6390, 55.8410, 17.7370

# Conversions

## Conversions Part 2

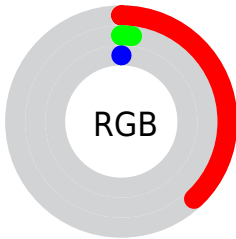
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	96, 5, 0
Decimal	6292736
CIE <sub>Lab</sub>	18.34, 37.78, 28.14
CIE <sub>LCh</sub>	18, 47.106, 36.683
Yxy	2.5953, 0.6321, 0.3363
Android (android.graphics.Color)	4284482816 (0xFF600500)
YUV	31.6390, -15.5980, 56.4446
Hunter-Lab	16.1101, 25.8574, 10.3796

# Details

The Hex color **600500** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **005B60**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **993D2F**, and **2B0001** is the 20% darker color. If you saturate the color by 10%, you get **600500**, and if you desaturate by 10%, it is **600E0A**.

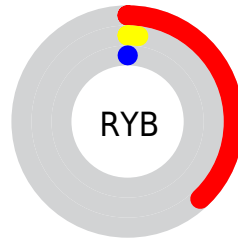
# Distribution



Red (38%)

Green (2%)

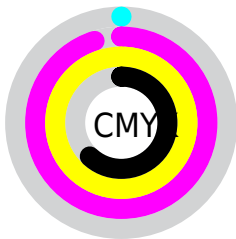
Blue (0%)



Red (38%)

Yellow (2%)

Blue (0%)

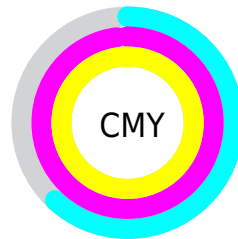


Cyan (0%)

Magenta (95%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (98%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 600500 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 600500 by changing the saturation by 10% instead.



 600500

 600500

 FFFAE2

 440000

 993D2F

 2B0001

 B65645

 000000

 D4705D

 F38A76

 FFA590

 FFC1AA

 FFDDC6

 600500

 600E0A

 601713

 60201D

 602926

 603330

 603C3A

 604543

 604E4D

 605756

# Harmonies

## Analogous

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



660027



600500



4D2000

# Triad

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



600500



00390F



002F72

# Complementary

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



600500



005B60

# 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.



00376C



600500



003A34

# Square

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



600500



083500



003A55



331F64

# Rectangle

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



600500



3C2A00



003A55



003372



# Sweetspot

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



600500



7D5957



60005B



402A29



BFBFBF



404040



# Same Dimension

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



600500



7D0700



603500



302C2C



700600



F00C00



# Inverse Universe

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



005B60



00767D



002B60



2C3030



006A70

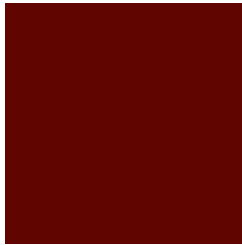


00E3F0



# Previews

## White Background



This preview shows how the Hex color 600500 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

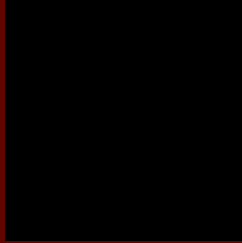
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 600500 Background



This preview shows how black text looks on a background with the Hex color 600500.



This preview shows how white text looks on a background with the Hex color 600500.

# 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**  
600500

**Protanopia**  
37310C

**Deuteranopia**  
3D2E00



**Tritanopia**  
5F0900

# Trichromacy



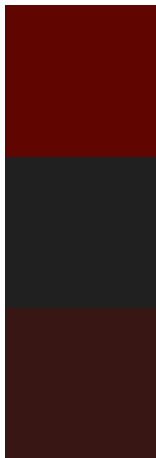
**Original Color**  
600500

**Protanomaly**  
462108

**Deuteranomaly**  
4A1F00

**Tritanomaly**  
5F0800

# Monochromacy



**Original Color**  
600500

**Achromatopsia**  
202020

**Achromatomaly**  
371614

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 600500 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 #600500 looks like.

```
.text, #text, p{  
    color:#600500  
}
```

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 #600500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #600500
}
```

## Border

The CSS property to change the border of an element to Hex 600500 is called "border". The border property can be set on classes, ids or directly on the HTML element.

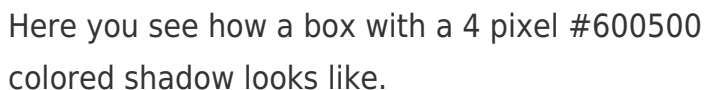
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#600500 }
```

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

```
.border{ border-color:#600500 }
```

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



Here you see how a box with a 4 pixel #600500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #600500; -webkit-box-shadow:4px 4px  
4px 4px #600500; box-shadow:4px 4px 4px  
4px #600500 }
```

# Background

The CSS property to change the background color of an element to Hex 600500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#600500 }
```

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

```
.background{ background-color:#600500 }
```

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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