

# Converting Colors

Hex(613DCC)

Have a look what the booklet for  
Hex(613DCC) contains.

<b>Hex(613DCC)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(613DCC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613DCC
RGB	97, 61, 204
RGB Percent	38%, 24%, 80%
CMY	0.6196, 0.7608, 0.2000
CMYK	0.52, 0.70, 0.00, 0.20
HSL	255°, 58%, 52%
HSV	255°, 70%, 80%
XYZ	17.4976, 10.2385, 58.1807
YIQ	88.0660, -24.4470, 52.1050

# Conversions

## Conversions Part 2

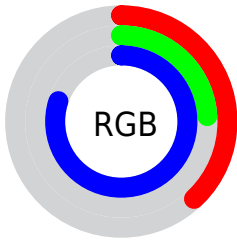
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 61, 204
Decimal	6372812
CIE <sub>Lab</sub>	38.27, 50.53, -68.73
CIE <sub>LCh</sub>	38, 85.303, 306.320
Yxy	10.2385, 0.2037, 0.1192
Android (android.graphics.Color)	4284562892 (0xFF613DCC)
YUV	88.0660, 57.1555, 7.8351
Hunter-Lab	31.9977, 41.6149, -85.4075

# Details

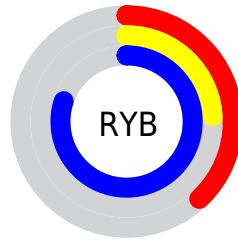
The Hex color **613DCC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **A8CC3D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **9C6FFF**, and **1A0995** is the 20% darker color. If you saturate the color by 10%, you get **5229CC**, and if you desaturate by 10%, it is **7051CC**.

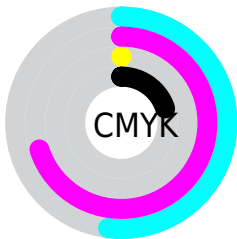
# Distribution



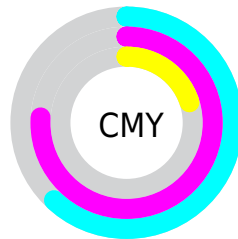
- Red (38%)
- Green (24%)
- Blue (80%)



- Red (38%)
- Yellow (24%)
- Blue (80%)



- Cyan (52%)
- Magenta (70%)
- Yellow (0%)
- Black (20%)



- Cyan (62%)
- Magenta (76%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613DCC 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 613DCC by changing the saturation by 10% instead.



613DCC

613DCC

FFFFFF

4224B0

9C6FFF

1A0995

BA8AFF

00007A

D8A5FF

000060

F6C0FF

000847

FFDCFF

000430

FFF9FF

00011A

000000

613DCC

613DCC

5229CC

7051CC

4214CC

8066CC

3300CC

8F7ACC

9E8FCC

ADA3CC

BDB7CC

CCCCCC

DBE0CC

EAF5CC

# Harmonies

## Analogous

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



0060E7



613DCC



B30093

# Triad

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



613DCC



993F00



007468

# Complementary

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



613DCC



A8CC3D

# 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.



00711B



613DCC



625D00

# Square

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



613DCC



BF0008



006B00



0074AC

# Rectangle

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



613DCC



C80066



006B00



00734F



# Sweetspot

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



613DCC



D7C9FF



3DA8CC



686080



000000



808080



# Same Dimension

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



613DCC



5F29FF



A83DCC



5E5C66



2A00A6



0A0026



# Inverse Universe

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



CC3DA8



FF29C9



61CC3D



665C63



A6007C

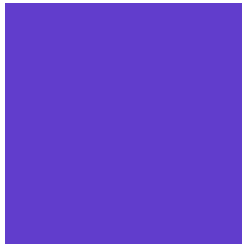


26001D



# Previews

## White Background



This preview shows how the Hex color 613DCC 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 × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

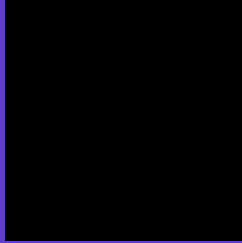
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613DCC Background



This preview shows how black text looks on a background with the Hex color 613DCC.



This preview shows how white text looks on a background with the Hex color 613DCC.

# 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](#).

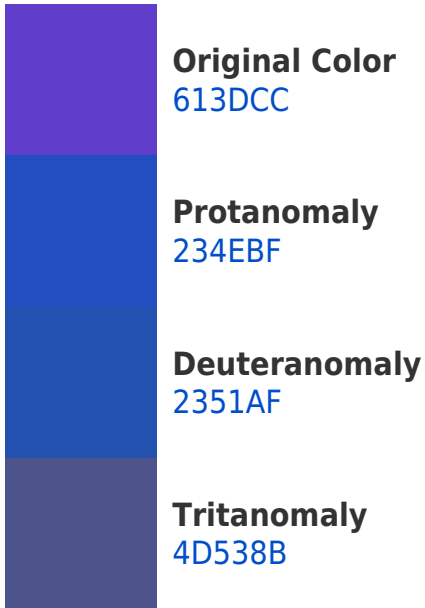
## Dichromacy





**Tritanopia**  
415F66

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613DCC 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 #613DCC looks like.

```
.text, #text, p{  
    color:#613DCC  
}
```

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 #613DCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613DCC
}
```

## Border

The CSS property to change the border of an element to Hex 613DCC is called "border". The border property can be set on classes, ids or directly on the HTML element.

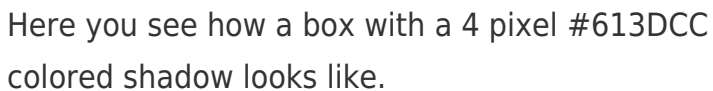
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#613DCC }
```

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

```
.border{ border-color:#613DCC }
```

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



Here you see how a box with a 4 pixel #613DCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613DCC; -webkit-box-shadow:4px 4px  
4px 4px #613DCC; box-shadow:4px 4px 4px  
4px #613DCC }
```

# Background

The CSS property to change the background color of an element to Hex 613DCC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613DCC }
```

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

```
.background{ background-color:#613DCC }
```

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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