

# Converting Colors

Hex(6623CF)

Have a look what the booklet for  
Hex(6623CF) contains.

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# Color

Hex(6623CF)

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 6623CF                     |
| RGB           | 102, 35, 207               |
| RGB Percent   | 40%, 14%, 81%              |
| CMY           | 0.6000, 0.8627, 0.1882     |
| CMYK          | 0.51, 0.83, 0.00, 0.19     |
| HSL           | 263°, 71%, 47%             |
| HSV           | 263°, 83%, 81%             |
| XYZ           | 17.3430, 8.5318, 59.7642   |
| YIQ           | 74.6410, -15.2800, 67.6960 |

# Conversions

## Conversions Part 2

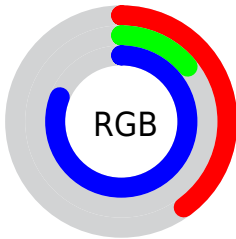
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 102, 35, 207                   |
| Decimal                             | 6693839                        |
| CIE <sub>Lab</sub>                  | 35.07, 63.48, -75.71           |
| CIE <sub>LCh</sub>                  | 35, 98.799, 309.979            |
| Yxy                                 | 8.5318, 0.2025,<br>0.0996      |
| Android<br>(android.graphics.Color) | 4284883919<br>(0xFF6623CF)     |
| YUV                                 | 74.6410, 65.2530,<br>23.9938   |
| Hunter-Lab                          | 29.2093, 54.8680,<br>-100.8648 |

# Details

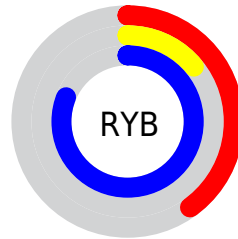
The Hex color **6623CF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark muted purple. A complement of this color would be **8CCF23**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A35AFF**, and **1F0097** is the 20% darker color. If you saturate the color by 10%, you get **590ECF**, and if you desaturate by 10%, it is **7338CF**.

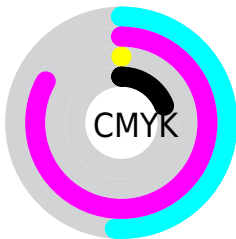
# Distribution



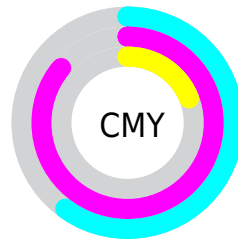
- Red (40%)
- Green (14%)
- Blue (81%)



- Red (40%)
- Yellow (14%)
- Blue (81%)



- Cyan (51%)
- Magenta (83%)
- Yellow (0%)
- Black (19%)



- Cyan (60%)
- Magenta (86%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6623CF 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 6623CF by changing the saturation by 10% instead.



6623CF

6623CF

FFFFFF

4600B3

A35AFF

1F0097

C175FF

00007C

DF90FF

000062

FEACFF

000949

FFC8FF

000432

FFE5FF

00011C

000000

6623CF

6623CF

■ 590ECF

■ 7338CF

■ 5100CF

■ 7F4CCF

■ 8C61CF

■ 9976CF

■ A58BCF

■ B29FCF

■ BEB4CF

■ CBC9CF

■ D8DDCF

# Harmonies

## Analogous

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



0058F4



6623CF



BC008A

# Triad

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



6623CF



8E3800



006D6C

# Complementary

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



6623CF



8CCF23

# 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.



006B13



6623CF



4D5800

# Square

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



6623CF



BD0000



006600



006FB9

# Rectangle

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



6623CF



CF0057



006600



006C51



# Sweetspot

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



6623CF



D8BFFF



238DCF



685980



000000



808080



# Same Dimension

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



6623CF



6300FF



BB23CF



625E69



4200A8



100029



# Inverse Universe

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



CF238C



FF009C



37CF23



695E64



A80067

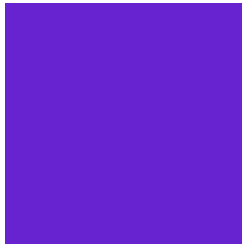


290019



# Previews

## White Background



This preview shows how the Hex color 6623CF 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

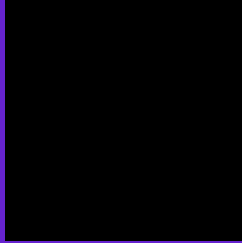
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6623CF Background



This preview shows how black text looks on a background with the Hex color 6623CF.

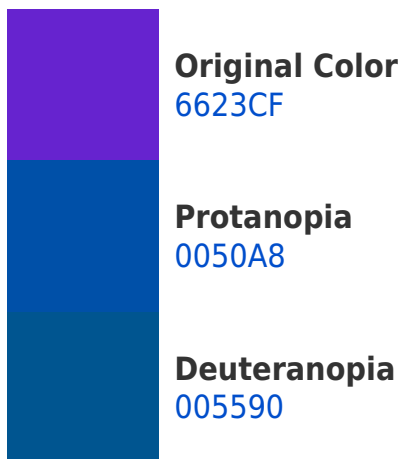


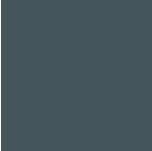
This preview shows how white text looks on a background with the Hex color 6623CF.

# 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](#).

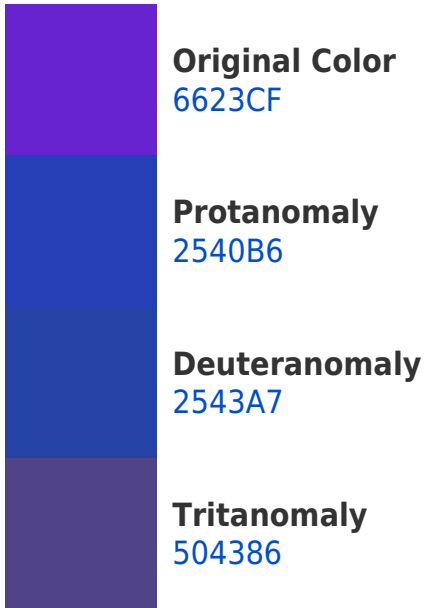
## Dichromacy



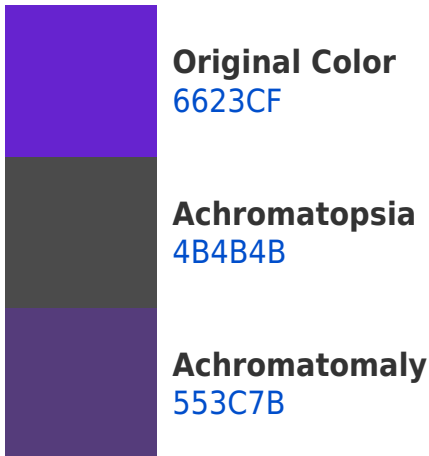


**Tritanopia**  
44555C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6623CF 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 #6623CF looks like.

```
.text, #text, p{  
    color:#6623CF  
}
```

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 #6623CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6623CF
}
```

## Border

The CSS property to change the border of an element to Hex 6623CF 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
#6623CF }
```

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

```
.border{ border-color:#6623CF }
```

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

Here you see how a box with a 4 pixel #6623CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6623CF; -webkit-box-shadow:4px 4px  
4px 4px #6623CF; box-shadow:4px 4px 4px  
4px #6623CF }
```

# Background

The CSS property to change the background color of an element to Hex 6623CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6623CF }
```

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

```
.background{ background-color:#6623CF }
```

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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