

# Converting Colors

Hex(625FB0)

Have a look what the booklet for  
Hex(625FB0) contains.

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# Color

**Hex(625FB0)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	625FB0
RGB	98, 95, 176
RGB Percent	38%, 37%, 69%
CMY	0.6157, 0.6275, 0.3098
CMYK	0.44, 0.46, 0.00, 0.31
HSL	242°, 34%, 53%
HSV	242°, 46%, 69%
XYZ	16.9657, 13.9157, 42.8661
YIQ	105.1310, -24.2130, 25.8270

# Conversions

## Conversions Part 2

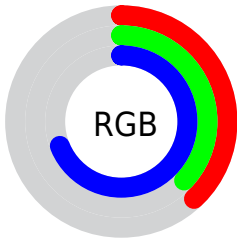
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 95, 176
Decimal	6447024
CIE <sub>Lab</sub>	44.11, 22.42, -42.94
CIE <sub>LCh</sub>	44, 48.442, 297.570
Yxy	13.9157, 0.2301, 0.1887
Android (android.graphics.Color)	4284637104 (0xFF625FB0)
YUV	105.1310, 34.9384, -6.2539
Hunter-Lab	37.3037, 15.9001, -42.0182

# Details

The Hex color **625FB0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **ADB05F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **9891E8**, and **2B317B** is the 20% darker color. If you saturate the color by 10%, you get **514DB0**, and if you desaturate by 10%, it is **7371B0**.

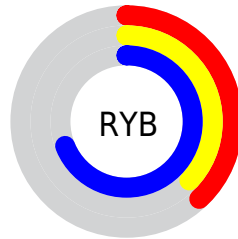
# Distribution



Red (38%)

Green (37%)

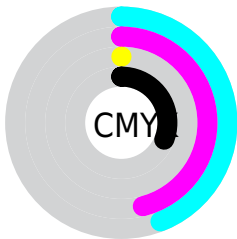
Blue (69%)



Red (38%)

Yellow (37%)

Blue (69%)

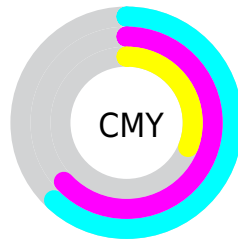


Cyan (44%)

Magenta (46%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (63%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 625FB0 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 625FB0 by changing the saturation by 10% instead.



■ 625FB0

■ 625FB0

FFFFFF

■ 474795

■ 9891E8

■ 2B317B

■ B4ACFF

■ 071C61

■ D1C7FF

■ 000549

■ EEE3FF

■ 000432

■ 00011C

■ 000000

■ 625FB0

■ 625FB0

■ 514DB0

■ 7371B0

403CB0

8482B0

2F2AB0

9594B0

1E19B0

A6A5B0

0D07B0

B7B7B0

0700B0

C8C9B0

D9DAB0

EAECB0

FBFDB0

# Harmonies

## Analogous

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



006EB9



625FB0



964D94

# Triad

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



625FB0



9E5523



007B64

# Complementary

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



625FB0



ADB05F

# 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.



1A783B



625FB0



7F650B

# Square

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



625FB0



AF4645



587118



007B8C

# Rectangle

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



625FB0



A9447B



587118



007A56



# Sweetspot

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



625FB0



C7C5E6



5FADB0



605F73



F2F2F2



737373



# Same Dimension

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



625FB0



6C67E6



8A5FB0



515059



060099



01001A



# Inverse Universe

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



B05FAD



E667E1



85B05F



595059



990093

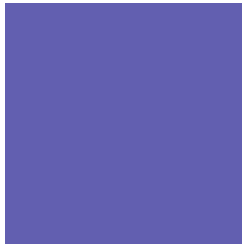


1A0019



# Previews

## White Background



This preview shows how the Hex color 625FB0 looks on a white background.

## Color Contrast Check

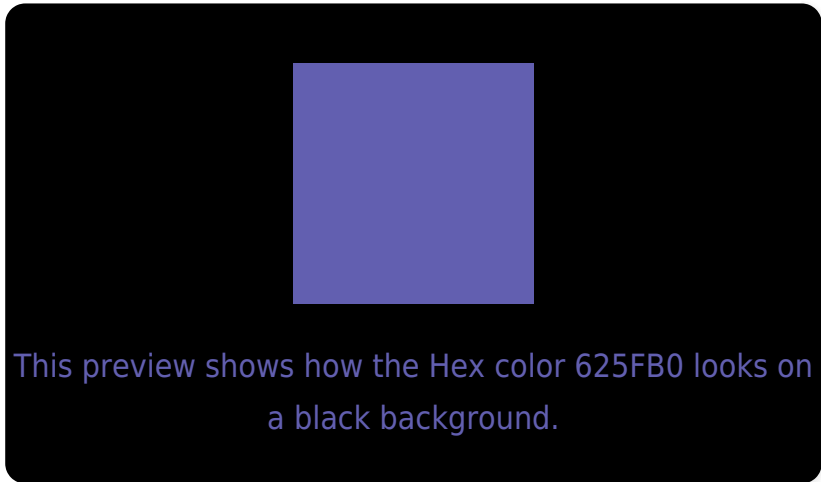
Large Text (above 18pt) WCAG AA ✓ Pass

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

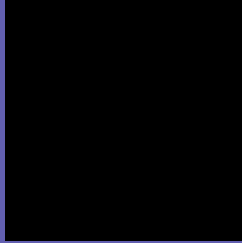
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 625FB0 Background



This preview shows how black text looks on a background with the Hex color 625FB0.

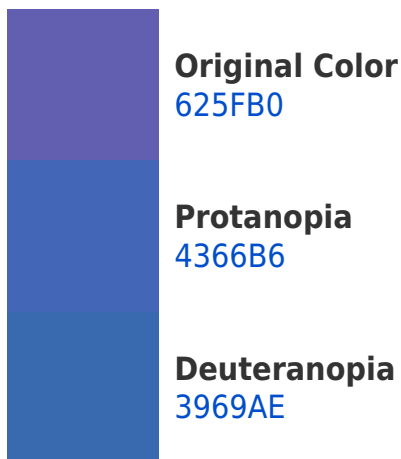



This preview shows how white text looks on a background with the Hex color 625FB0.

# 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](#).

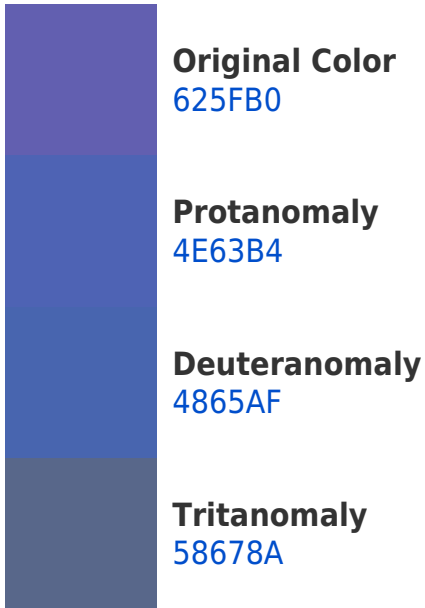
## Dichromacy





**Tritanopia**  
526C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 625FB0 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 #625FB0 looks like.

```
.text, #text, p{  
    color:#625FB0  
}
```

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 #625FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #625FB0
}
```

## Border

The CSS property to change the border of an element to Hex 625FB0 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
#625FB0 }
```

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

```
.border{ border-color:#625FB0 }
```

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

Here you see how a box with a 4 pixel #625FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #625FB0; -webkit-box-shadow:4px 4px  
4px 4px #625FB0; box-shadow:4px 4px 4px  
4px #625FB0 }
```

# Background

The CSS property to change the background color of an element to Hex 625FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#625FB0 }
```

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

```
.background{ background-color:#625FB0 }
```

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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