

Converting Colors

Hex(653FB0)

Have a look what the booklet for
Hex(653FB0) contains.

Hex(653FB0)	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(653FB0)

Conversions

Conversions Part 1

Format	Color
Hex	653FB0
RGB	101, 63, 176
RGB Percent	40%, 25%, 69%
CMY	0.6039, 0.7529, 0.3098
CMYK	0.43, 0.64, 0.00, 0.31
HSL	260°, 47%, 47%
HSV	260°, 64%, 69%
XYZ	14.9808, 9.4563, 42.1100
YIQ	87.2440, -13.6250, 43.1990

Conversions

Conversions Part 2

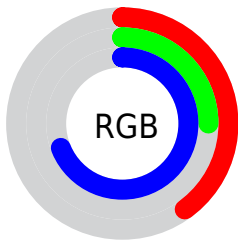
Format	Color
R_{YB}	101, 63, 176
Decimal	6635440
CIE _{Lab}	36.85, 42.29, -54.60
CIE _{LCh}	37, 69.061, 307.762
Yxy	9.4563, 0.2251, 0.1421
Android (android.graphics.Color)	4284825520 (0xFF653FB0)
YUV	87.2440, 43.7567, 12.0640
Hunter-Lab	30.7511, 33.1442, -59.6648

Details

The Hex color **653FB0** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **8AB03F**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **9D71E8**, and **2C0E7A** is the 20% darker color. If you saturate the color by 10%, you get **592DB0**, and if you desaturate by 10%, it is **7151B0**.

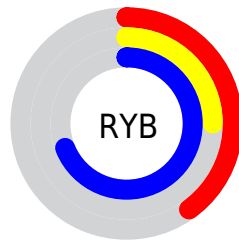
Distribution



Red (40%)

Green (25%)

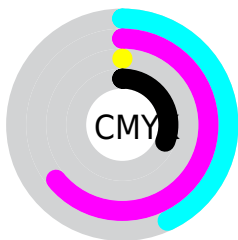
Blue (69%)



Red (40%)

Yellow (25%)

Blue (69%)

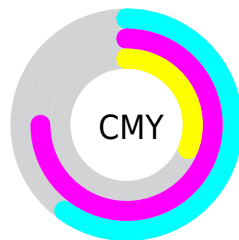


Cyan (43%)

Magenta (64%)

Yellow (0%)

Black (31%)



Cyan (60%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 653FB0 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 653FB0 by changing the saturation by 10% instead.

653FB0

653FB0

FFFFFF

492795

9D71E8

2C0E7A

B98BFF

020061

D6A6FF

000048

F4C1FF

000431

FFDDFF

00011B

FFFAFF

000000

653FB0

653FB0

592DB0

7151B0

■ 4E1CB0

■ 7C62B0

■ 420AB0

■ 8874B0

■ 3B00B0

■ 9485B0

■ 9F97B0

■ ABA9B0

■ B7BAB0

■ C2CCB0

■ CEDDB0

Harmonies

Analogous

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



005AC7



653FB0



A10C82

Triad

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



653FB0



8B4300



006D64

Complementary

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



653FB0



8AB03F

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.



006B29



653FB0



5E5900

Square

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



653FB0



AA1D14



176500



006D9A

Rectangle

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



653FB0



B2005D



176500



006D51

Sweetspot

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



653FB0



C9BAE6



3F8AB0



615873



F2F2F2



737373

Same Dimension

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



653FB0



7035E6



9D3FB0



535059



330099



09001A

Inverse Universe

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



B03F8A



E635AA



52B03F



595056



990066



1A0011

Previews

White Background



This preview shows how the Hex color 653FB0 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

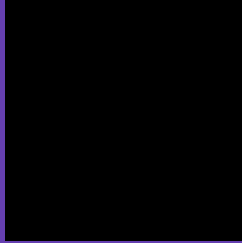
Any Text WCAG AA × Fail

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 653FB0 Background



This preview shows how black text looks on a background with the Hex color 653FB0.

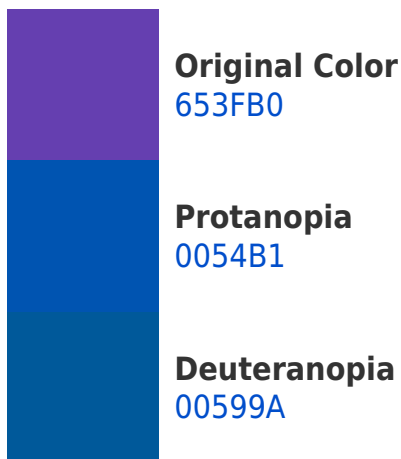


This preview shows how white text looks on a background with the Hex color 653FB0.

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](#).

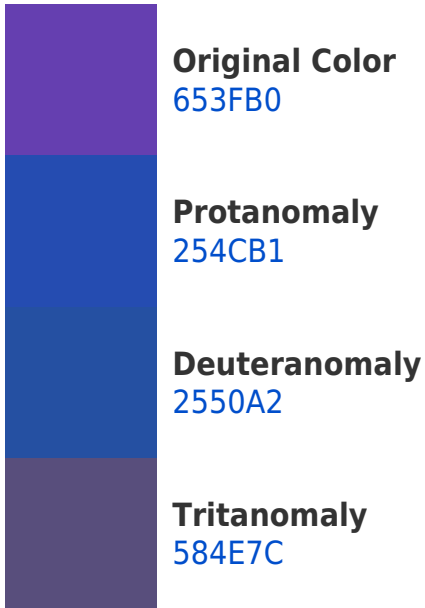
Dichromacy





Tritanopia
51575E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 653FB0 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 #653FB0 looks like.

```
.text, #text, p{  
    color:#653FB0  
}
```

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 #653FB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #653FB0
}
```

Border

The CSS property to change the border of an element to Hex 653FB0 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
#653FB0 }
```

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

```
.border{ border-color:#653FB0 }
```

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

Here you see how a box with a 4 pixel #653FB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #653FB0; -webkit-box-shadow:4px 4px  
4px 4px #653FB0; box-shadow:4px 4px 4px  
4px #653FB0 }
```

Background

The CSS property to change the background color of an element to Hex 653FB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#653FB0 }
```

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

```
.background{ background-color:#653FB0 }
```

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