

Converting Colors

Hex(6641F0)

Have a look what the booklet for
Hex(6641F0) contains.

Hex(6641F0)	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(6641F0)

Conversions

Conversions Part 1

Format	Color
Hex	6641F0
RGB	102, 65, 240
RGB Percent	40%, 25%, 94%
CMY	0.6000, 0.7451, 0.0588
CMYK	0.57, 0.73, 0.00, 0.06
HSL	253°, 85%, 60%
HSV	253°, 73%, 94%
XYZ	23.0980, 12.8966, 83.7100
YIQ	96.0130, -34.1230, 62.2690

Conversions

Conversions Part 2

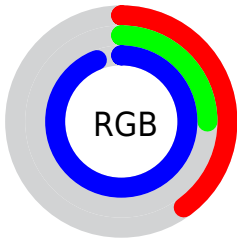
Format	Color
R_{YB}	102, 65, 240
Decimal	6701552
CIE _{Lab}	42.61, 59.40, -82.17
CIE _{LCh}	43, 101.395, 305.864
Yxy	12.8966, 0.1930, 0.1077
Android (android.graphics.Color)	4284891632 (0xFF6641F0)
YUV	96.0130, 70.9856, 5.2506
Hunter-Lab	35.9119, 51.9625, -113.0656

Details

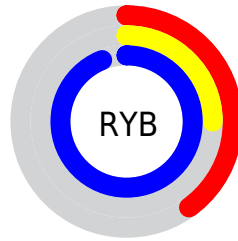
The Hex color **6641F0** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle washed purple. A complement of this color would be **CBF041**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **A575FF**, and **0C0AB7** is the 20% darker color. If you saturate the color by 10%, you get **5329F0**, and if you desaturate by 10%, it is **7959F0**.

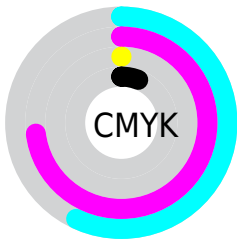
Distribution



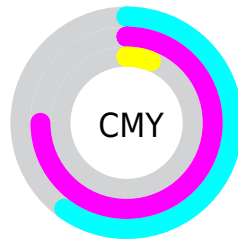
- Red (40%)
- Green (25%)
- Blue (94%)



- Red (40%)
- Yellow (25%)
- Blue (94%)



- Cyan (57%)
- Magenta (73%)
- Yellow (0%)
- Black (6%)



- Cyan (60%)
- Magenta (75%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6641F0 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 6641F0 by changing the saturation by 10% instead.

■ 6641F0

■ 6641F0

FFFFFF

■ 4327D3

■ A575FF

■ 0C0AB7

■ C48FFF

■ 00009B

■ E3ABFF

■ 000080

■ FFC7FF

■ 000066

■ FFE3FF

■ 00094C

■ 000535

■ 00021F

■ 000001

■ 6641F0

■ 6641F0

■ 5329F0

■ 7959F0

■ 4011F0

■ 8C71F0

■ 3300F0

■ 9F89F0

■ B2A1F0

■ C5B9F0

■ D8D1F0

■ EAE9F0

■ FDFFF0

■ FFFFF0

Harmonies

Analogous

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



006EFF



6641F0



CE00AB

Triad

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



6641F0



AF4200



008274

Complementary

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



6641F0



CBF041

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.



007F12



6641F0



6D6800

Square

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



6641F0



DD0000



007800



0083C7

Rectangle

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



6641F0



E80074



007800



008156

Sweetspot

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



6641F0



D3C7FF



41CDF0



655E80



000000



808080

Same Dimension

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



6641F0



4E1FFF



BC41F0



6E6C78



2700B8



0C0038

Inverse Universe

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



F041CB



FF1FD0



76F041



786C75



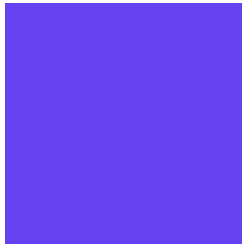
B80091



38002C

Previews

White Background



This preview shows how the Hex color 6641F0 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

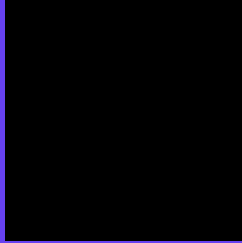
Any Text WCAG AA × Fail

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 6641F0 Background



This preview shows how black text looks on a background with the Hex color 6641F0.

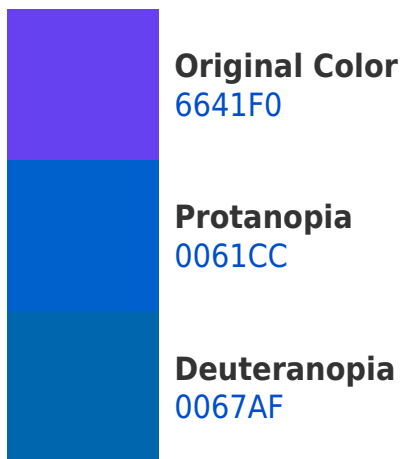


This preview shows how white text looks on a background with the Hex color 6641F0.

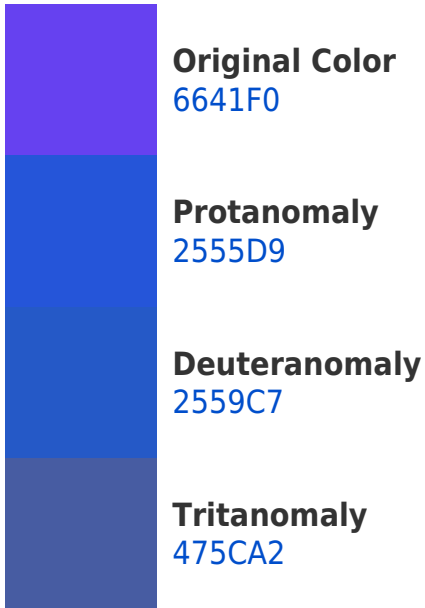
Color Blindness Simulation

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



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6641F0 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 #6641F0 looks like.

```
.text, #text, p{  
    color:#6641F0  
}
```

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 #6641F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6641F0
}
```

Border

The CSS property to change the border of an element to Hex 6641F0 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".

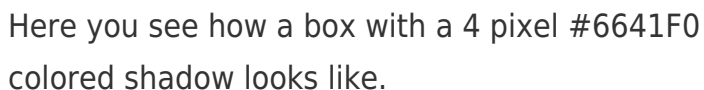
```
.border, #border, table{ border:4px solid
#6641F0 }
```

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

```
.border{ border-color:#6641F0 }
```

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

Here you see how a box with a 4 pixel #6641F0 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6641F0; -webkit-box-shadow:4px 4px  
4px 4px #6641F0; box-shadow:4px 4px 4px  
4px #6641F0 }
```

Background

The CSS property to change the background color of an element to Hex 6641F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6641F0 }
```

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

```
.background{ background-color:#6641F0 }
```

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