

Converting Colors

Hex(6656F2)

Have a look what the booklet for
Hex(6656F2) contains.

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Color

Hex(6656F2)

Conversions

Conversions Part 1

Format	Color
Hex	6656F2
RGB	102, 86, 242
RGB Percent	40%, 34%, 95%
CMY	0.6000, 0.6627, 0.0510
CMYK	0.58, 0.64, 0.00, 0.05
HSL	246°, 86%, 64%
HSV	246°, 64%, 95%
XYZ	24.8343, 15.8912, 85.7628
YIQ	108.5680, -40.5400, 51.9080

Conversions

Conversions Part 2

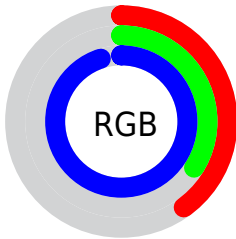
Format	Color
R_{YB}	102, 86, 242
Decimal	6706930
CIE _{Lab}	46.83, 48.82, -76.37
CIE _{LCh}	47, 90.647, 302.590
Yxy	15.8912, 0.1963, 0.1256
Android (android.graphics.Color)	4284897010 (0xFF6656F2)
YUV	108.5680, 65.7820, -5.7601
Hunter-Lab	39.8637, 41.4404, -99.6519

Details

The Hex color **6656F2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **E2F256**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **A489FF**, and **1227B9** is the 20% darker color. If you saturate the color by 10%, you get **503EF2**, and if you desaturate by 10%, it is **7C6EF2**.

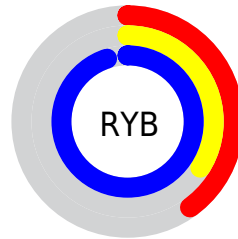
Distribution



Red (40%)

Green (34%)

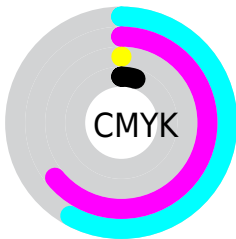
Blue (95%)



Red (40%)

Yellow (34%)

Blue (95%)

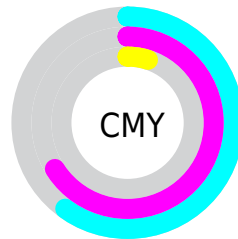


Cyan (58%)

Magenta (64%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (66%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6656F2 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 6656F2 by changing the saturation by 10% instead.

 6656F2

 6656F2

FFFFFF

 443ED5

 A489FF

 1227B9

 C3A4FF

 00109D

 E2BFFF

 000082

 FFDBFF

 000068

 FFF8FF

 000A4E

 000537

 000220

 000005

■ 6656F2

■ 6656F2

■ 503EF2

■ 7C6EF2

■ 3B26F2

■ 9186F2

■ 250DF2

■ A79FF2

■ 1900F2

■ BDB7F2

■ D3CFF2

■ E8E7F2

■ FEFFF2

■ FFFFF2

Harmonies

Analogous

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



0078FF



6656F2



CB00B7

Triad

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



6656F2



BD4C00



008C74

Complementary

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



6656F2



E2F256

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.



00891E



6656F2



826F00

Square

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



6656F2



E40022



2B8000



008DC0

Rectangle

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



6656F2



E60085



2B8000



008B59

Sweetspot

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



6656F2



D4CFFF



56E2F2



656280



000000



808080

Same Dimension

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



6656F2



4F3BFF



B456F2



6D6C78



1300B8



060038

Inverse Universe

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



F256E2



FF3BEB



94F256



786C77



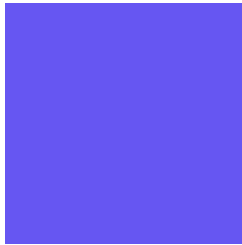
B800A5



380032

Previews

White Background



This preview shows how the Hex color 6656F2 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

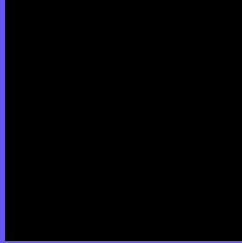
Any Text WCAG AA × Fail

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 6656F2 Background



This preview shows how black text looks on a background with the Hex color 6656F2.

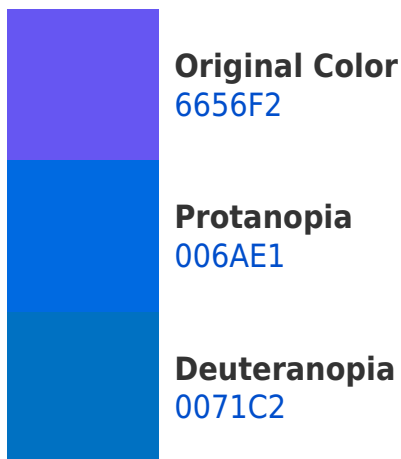


This preview shows how white text looks on a background with the Hex color 6656F2.

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](#).

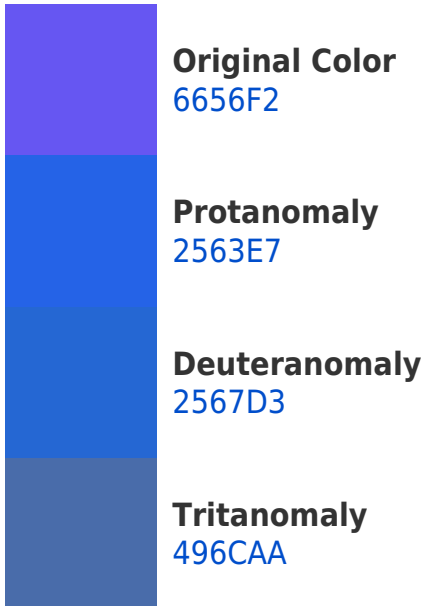
Dichromacy





Tritanopia
387881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6656F2 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 #6656F2 looks like.

```
.text, #text, p{  
    color:#6656F2  
}
```

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 #6656F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6656F2
}
```

Border

The CSS property to change the border of an element to Hex 6656F2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

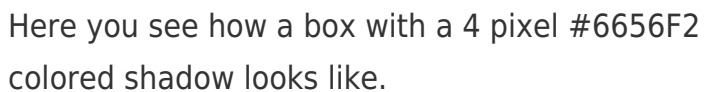
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6656F2 }
```

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

```
.border{ border-color:#6656F2 }
```

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



Here you see how a box with a 4 pixel #6656F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6656F2; -webkit-box-shadow:4px 4px  
4px 4px #6656F2; box-shadow:4px 4px 4px  
4px #6656F2 }
```

Background

The CSS property to change the background color of an element to Hex 6656F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6656F2 }
```

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

```
.background{ background-color:#6656F2 }
```

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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