

Converting Colors

Hex(656EEF)

Have a look what the booklet for
Hex(656EEF) contains.

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Color

Hex(656EEF)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 656EEF |
| RGB | 101, 110, 239 |
| RGB Percent | 40%, 43%, 94% |
| CMY | 0.6039, 0.5686, 0.0627 |
| CMYK | 0.58, 0.54, 0.00, 0.06 |
| HSL | 236°, 81%, 67% |
| HSV | 236°, 58%, 94% |
| XYZ | 26.5227, 20.1506, 84.1529 |
| YIQ | 122.0150, -46.7730, 38.2110 |

Conversions

Conversions Part 2

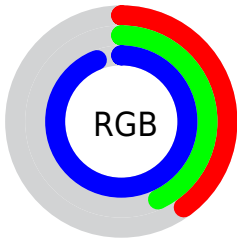
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 101, 109, 239 |
| Decimal | 6647535 |
| CIE _{Lab} | 52.01, 33.60, -66.29 |
| CIE _{LCh} | 52, 74.318, 296.881 |
| Yxy | 20.1506, 0.2027, 0.1540 |
| Android (android.graphics.Color) | 4284837615 (0xFF656EEF) |
| YUV | 122.0150, 57.6736, -18.4302 |
| Hunter-Lab | 44.8894, 26.9098, -79.7268 |

Details

The Hex color **656EEF** is a dark color, and the websafe version is hex **6666FF**. A complement of this color would be **EFE665**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A2A2FF**, and **183FB6** is the 20% darker color. If you saturate the color by 10%, you get **4D58EF**, and if you desaturate by 10%, it is **7D84EF**.

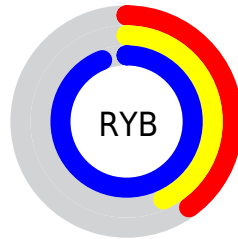
Distribution



Red (40%)

Green (43%)

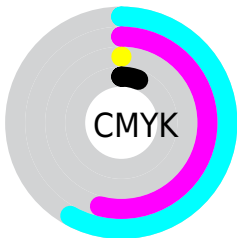
Blue (94%)



Red (40%)

Yellow (43%)

Blue (94%)

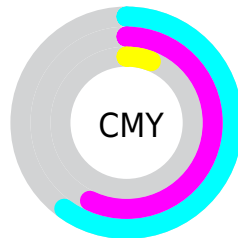


Cyan (58%)

Magenta (54%)

Yellow (0%)

Black (6%)



Cyan (60%)

Magenta (57%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 656EEF 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 656EEF by changing the saturation by 10% instead.

 656EEF

 656EEF

FFFFFF

 4456D2

 A2A2FF

 183FB6

 C0BDFF

 00299B

 DED8FF


 001680

 FDF5FF

 000066

 000A4D

 000535

 00021F

 000002

 656EEF

 656EEF

 4D58EF

 7D84EF

 3541EF

 959BEF

 1D2BEF

 ADB1EF

 0515EF

 C5C7EF

 0010EF

 DCDEEF

 F4F4EF

 FFFFEF

Harmonies

Analogous

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



0086FD



656EEF



C04BC3

Triad

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



656EEF



CB5B00



009773

Complementary

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



656EEF



EFE665

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.



00932F



656EEF



9C7700

Square

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



656EEF



E63847



5E8900



0097B4

Rectangle

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



656EEF



DE329B



5E8900



00965D

Sweetspot

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



656EEF



D4D6FF



65EFE6



666880



000000



808080

Same Dimension

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



656EEF



4F5BFF



A165EF



6C6D78



000CB8



000438

Inverse Universe

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



EF656E



FF4F5B



B3EF65



786C6D



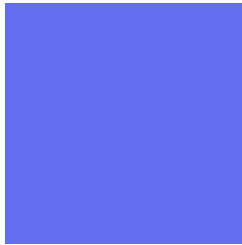
B8000C



380004

Previews

White Background



This preview shows how the Hex color 656EEF looks on a white background.

Color Contrast Check

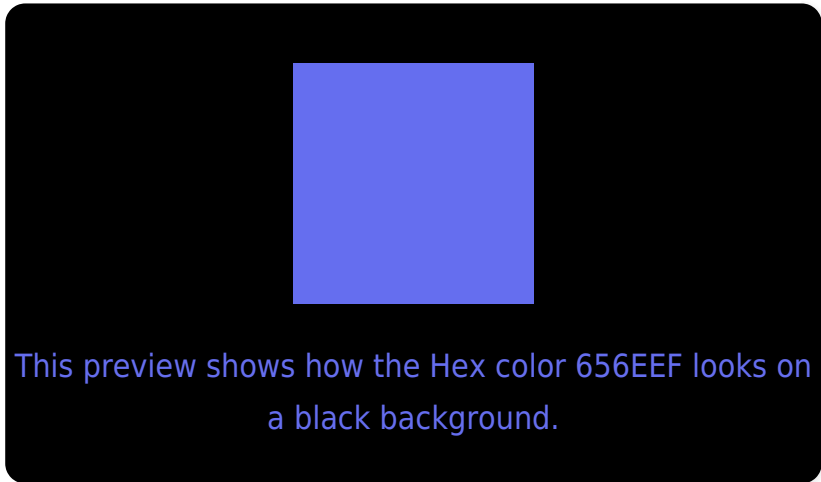
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 656EEF Background



This preview shows how black text looks on a background with the Hex color 656EEF.



This preview shows how white text looks on a background with the Hex color 656EEF.

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](#).

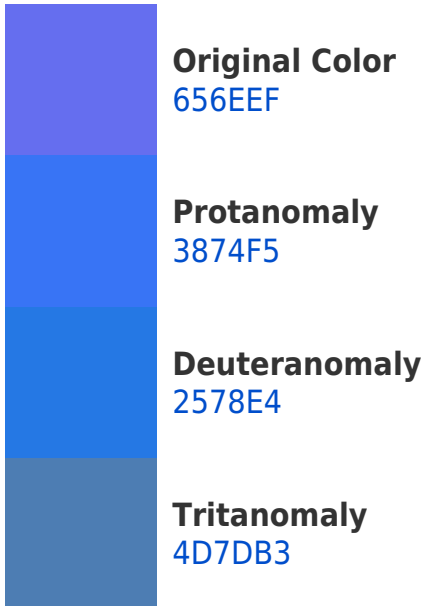
Dichromacy



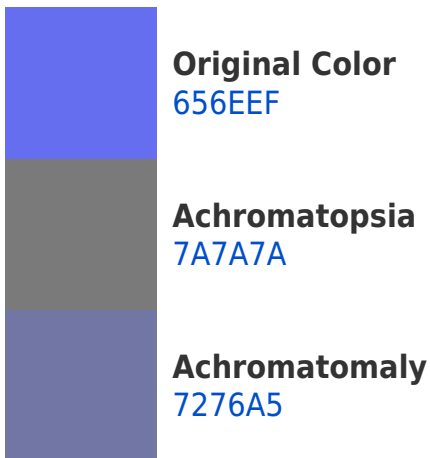


Tritanopia
3F8691

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 656EEF 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 #656EEF looks like.

```
.text, #text, p{  
    color:#656EEF  
}
```

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 #656EEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #656EEF
}
```

Border

The CSS property to change the border of an element to Hex 656EEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

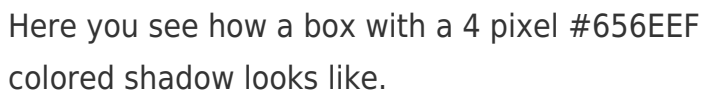
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#656EEF }
```

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

```
.border{ border-color:#656EEF }
```

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



Here you see how a box with a 4 pixel #656EEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #656EEF; -webkit-box-shadow:4px 4px  
4px 4px #656EEF; box-shadow:4px 4px 4px  
4px #656EEF }
```

Background

The CSS property to change the background color of an element to Hex 656EEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#656EEF }
```

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

```
.background{ background-color:#656EEF }
```

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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