

Converting Colors

Hex(656BFF)

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

Hex(656BFF)	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(656BFF)

Conversions

Conversions Part 1

Format	Color
Hex	656BFF
RGB	101, 107, 255
RGB Percent	40%, 42%, 100%
CMY	0.6039, 0.5804, 0.0000
CMYK	0.60, 0.58, 0.00, 0.00
HSL	238°, 100%, 70%
HSV	238°, 60%, 100%
XYZ	28.6745, 20.5021, 97.0537
YIQ	122.0780, -51.0840, 44.7560

Conversions

Conversions Part 2

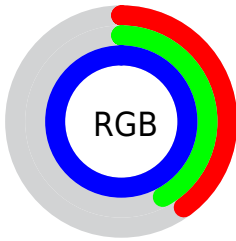
Format	Color
R _Y B	101, 107, 255
Decimal	6646783
CIE Lab	52.40, 40.51, -74.55
CIE LCh	52, 84.845, 298.523
Yxy	20.5021, 0.1961, 0.1402
Android (android.graphics.Color)	4284836863 (0xFF656BFF)
YUV	122.0780, 65.5305, -18.4854
Hunter-Lab	45.2792, 33.8022, -95.3896

Details

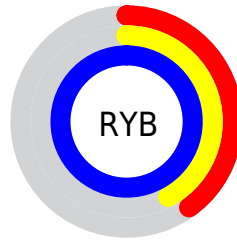
The Hex color **656BFF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFF965**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **A49FFF**, and **063CC5** is the 20% darker color. If you saturate the color by 10%, you get **4B52FF**, and if you desaturate by 10%, it is **7E84FF**.

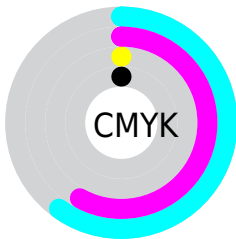
Distribution



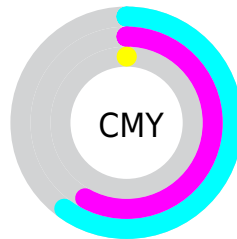
- Red (40%)
- Green (42%)
- Blue (100%)



- Red (40%)
- Yellow (42%)
- Blue (100%)



- Cyan (60%)
- Magenta (58%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (58%)
- Yellow (0%)

Brightness & Saturation Gradients

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

 656BFF

 656BFF

FFFFFF

 4253E2

 A49FFF

 063CC5

 C3BAFF

 0026A9

 E2D5FF

 00138E

 FFF2FF

 000073

 00075A

 000741

 00032A

 000114

 656BFF

 656BFF

 4B52FF

 7E84FF

 323AFF

 989CFF

 1821FF

 B2B5FF

 000AFF

 CBCDFF

 E4E6FF

FEFEFF

FFFFFF

Harmonies

Analogous

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



0088FF



656BFF



CE3BCA

Triad

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



656BFF



D15800



009A77

Complementary

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



656BFF



FFF965

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.



009627



656BFF



9B7900

Square

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



656BFF



F3223D



528C00



009BC1

Rectangle

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



656BFF



ED029C



528C00



00995D

Sweetspot

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



656BFF



D1D3FF



65FFF7



636580



000000



808080

Same Dimension

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



656BFF



474FFF



AA65FF



737380



0007BF



000240

Inverse Universe

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



FF656B



FF474F



BAFF65



807373



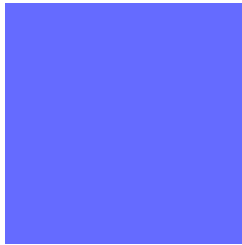
BF0007



400002

Previews

White Background



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

Color Contrast Check

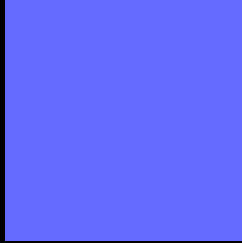
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 656BFF looks on a 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 656BFF Background



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



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

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](#).

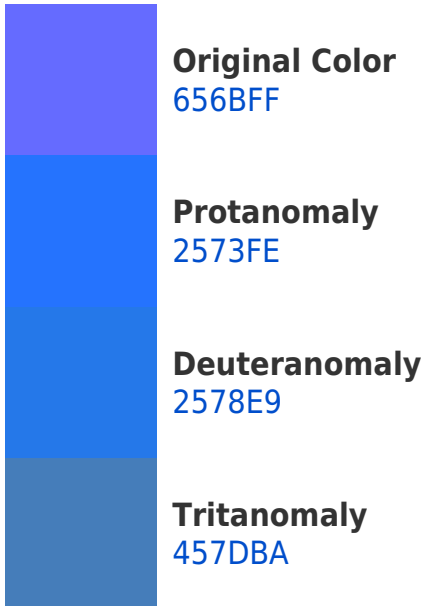
Dichromacy



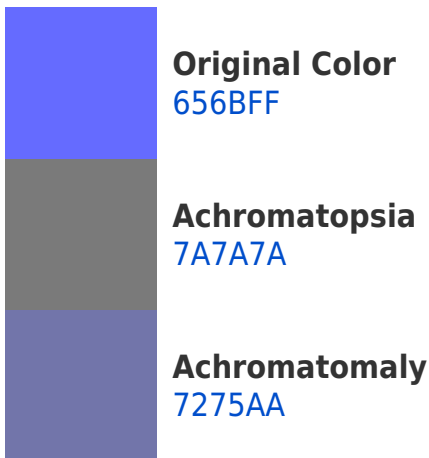


Tritanopia
328893

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #656BFF colored shadow looks like.

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

Border

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

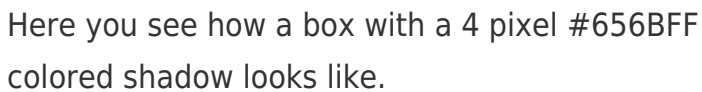
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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