

# Converting Colors

Hex(638DF6)

Have a look what the booklet for  
Hex(638DF6) contains.

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**Color**

**Hex(638DF6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	638DF6
RGB	99, 141, 246
RGB Percent	39%, 55%, 96%
CMY	0.6118, 0.4471, 0.0353
CMYK	0.60, 0.43, 0.00, 0.04
HSL	223°, 89%, 68%
HSV	223°, 60%, 96%
XYZ	31.3050, 28.3562, 91.0121
YIQ	140.4120, -58.7370, 23.7510

# Conversions

## Conversions Part 2

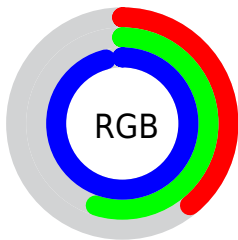
Format	Color
R <sub>Y</sub> B	99, 132, 246
Decimal	6524406
CIE Lab	60.21, 16.81, -57.00
CIE LCh	60, 59.430, 286.432
Yxy	28.3562, 0.2078, 0.1882
Android (android.graphics.Color)	4284714486 (0xFF638DF6)
YUV	140.4120, 52.0549, -36.3183
Hunter-Lab	53.2506, 11.7484, -64.0589

# Details

The Hex color **638DF6** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F6CC63**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **A0C2FF**, and **125CBD** is the 20% darker color. If you saturate the color by 10%, you get **4A7BF6**, and if you desaturate by 10%, it is **7C9FF6**.

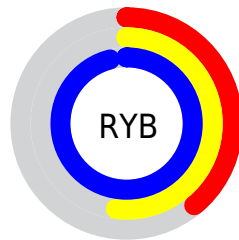
# Distribution



Red (39%)

Green (55%)

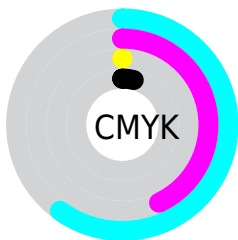
Blue (96%)



Red (39%)

Yellow (52%)

Blue (96%)

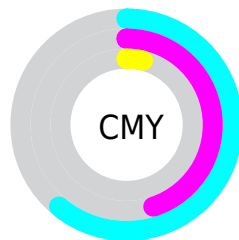


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (61%)

Magenta (45%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 638DF6 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 638DF6 by changing the saturation by 10% instead.



 638DF6

 638DF6

FFFFFF

 4274D9


 A0C2FF

 125CBD

 BEDEFF

 0045A1

 DCFAFF

 002F87

 FBFFFF

 001C6D

 000054

 00063C

 000225

 00010D

■ 638DF6

■ 638DF6

■ 4A7BF6

■ 7C9FF6

■ 326AF6

■ 94B0F6

■ 1958F6

■ ADC2F6

■ 0147F6

■ C5D3F6

■ 0046F6

■ DEE5F6

■ F7F6F6

■ FFFFF6

# Harmonies

## Analogous

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



009EF7



638DF6



B877DA

# Triad

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



638DF6



E27147



00A977

# Complementary

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



638DF6



F6CC63

# 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.



53A344



638DF6



C08623

# Square

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



638DF6



F06177



919720



00AAAD

# Rectangle

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



638DF6



D968BC



919720



00A765



# Sweetspot

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



638DF6



D1DEFF



63F6CA



636B80



000000



808080



# Same Dimension

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



638DF6



477CFF



8063F6



6E727A



0035BA



00113B



# Inverse Universe

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



F6638D



FF477C



D9F663



7A6E72



BA0035

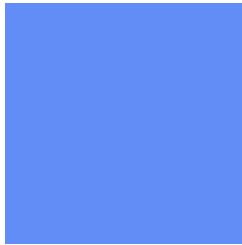


3B0011



# Previews

## White Background



This preview shows how the Hex color 638DF6 looks on a white background.

## Color Contrast Check

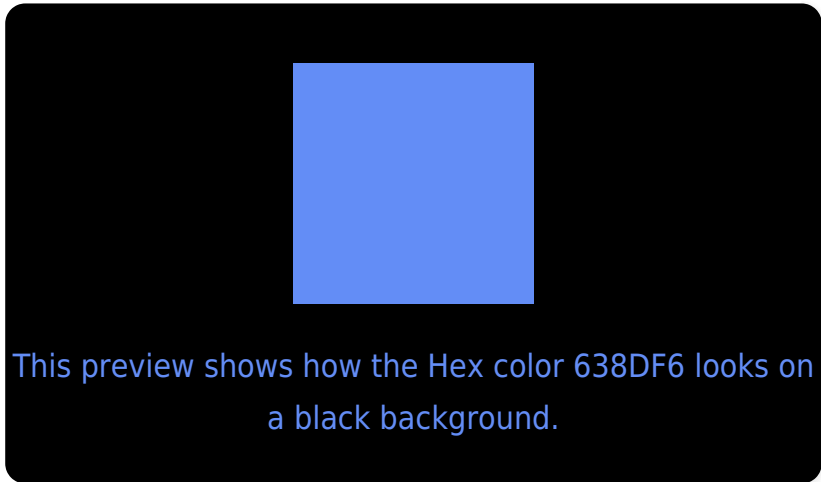
Large Text (above 18pt) WCAG AA ✓ Pass

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

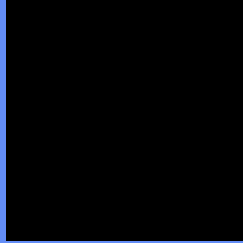
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 638DF6 Background



This preview shows how black text looks on a background with the Hex color 638DF6.



This preview shows how white text looks on a background with the Hex color 638DF6.

# 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](#).

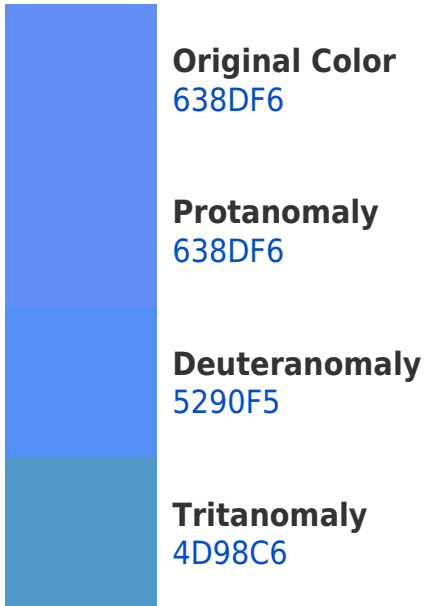
## Dichromacy



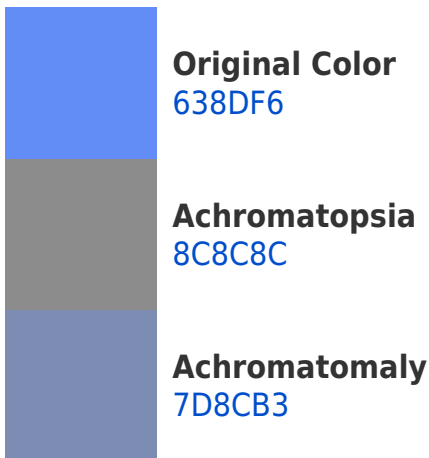


**Tritanopia**  
419EAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 638DF6 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 #638DF6 looks like.

```
.text, #text, p{  
    color:#638DF6  
}
```

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 #638DF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #638DF6  
}
```

## Border

The CSS property to change the border of an element to Hex 638DF6 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  
#638DF6 }
```

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

```
.border{ border-color:#638DF6 }
```

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

Here you see how a box with a 4 pixel #638DF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #638DF6; -webkit-box-shadow:4px 4px  
4px 4px #638DF6; box-shadow:4px 4px 4px  
4px #638DF6 }
```

# Background

The CSS property to change the background color of an element to Hex 638DF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#638DF6 }
```

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

```
.background{ background-color:#638DF6 }
```

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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