

# Converting Colors

Hex(628BF3)

Have a look what the booklet for  
Hex(628BF3) contains.

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# **Color**

**Hex(628BF3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628BF3
RGB	98, 139, 243
RGB Percent	38%, 55%, 95%
CMY	0.6157, 0.4549, 0.0471
CMYK	0.60, 0.43, 0.00, 0.05
HSL	223°, 86%, 67%
HSV	223°, 60%, 95%
XYZ	30.4473, 27.5330, 88.5037
YIQ	138.5970, -57.8200, 23.6520

# Conversions

## Conversions Part 2

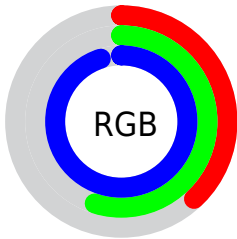
Format	Color
R <sub>Y</sub> B	98, 130, 243
Decimal	6458355
CIE Lab	59.46, 16.84, -56.54
CIE LCh	59, 58.994, 286.584
Yxy	27.5330, 0.2079, 0.1880
Android (android.graphics.Color)	4284648435 (0xFF628BF3)
YUV	138.5970, 51.4707, -35.6036
Hunter-Lab	52.4719, 11.7505, -63.2734

# Details

The Hex color **628BF3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F3CA62**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9FC0FF**, and **115ABA** is the 20% darker color. If you saturate the color by 10%, you get **4A7AF3**, and if you desaturate by 10%, it is **7A9CF3**.

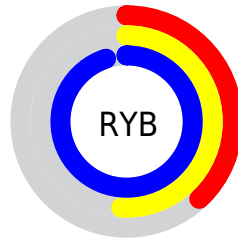
# Distribution



Red (38%)

Green (55%)

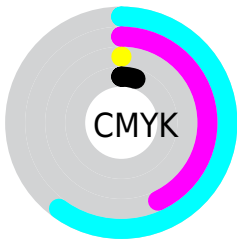
Blue (95%)



Red (38%)

Yellow (51%)

Blue (95%)

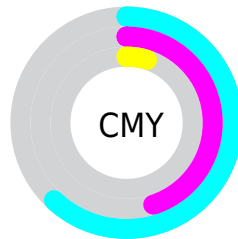


Cyan (60%)

Magenta (43%)

Yellow (0%)

Black (5%)



Cyan (62%)

Magenta (45%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628BF3 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 628BF3 by changing the saturation by 10% instead.




 628BF3

 628BF3

FFFFFF

 4172D6

 9FC0FF

 115ABA

 BDDCFF

 00439F

 DBF8FF

 002E84

 F9FFFF

 001A6A

 000051

 000539

 000223

 000009

■ 628BF3

■ 628BF3

■ 4A7AF3

■ 7A9CF3

■ 3168F3

■ 93AEF3

■ 1957F3

■ ABBFF3

■ 0145F3

■ C3D1F3

■ 0045F3

■ DBE2F3

■ F4F4F3

■ FFFFF3

# Harmonies

## Analogous

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



009CF4



628BF3



B675D7

# Triad

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



628BF3



DF6F45



00A675

# Complementary

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



628BF3



F3CA62

# 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.



51A143



628BF3



BD8422

# Square

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



628BF3



ED5F75



8F951F



00A8AB

# Rectangle

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



628BF3



D767B9



8F951F



00A564



# Sweetspot

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



628BF3



D1DEFF



62F3CA



636B80



000000



808080



# Same Dimension

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



628BF3



477BFF



8162F3



6E727A



0035BA



00113B



# Inverse Universe

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



F3628B



FF477B



D4F362



7A6E72



BA0035

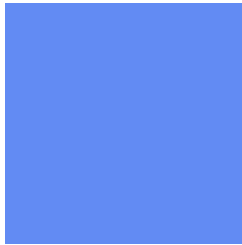


3B0011



# Previews

## White Background



This preview shows how the Hex color 628BF3 looks on a white background.

## Color Contrast Check

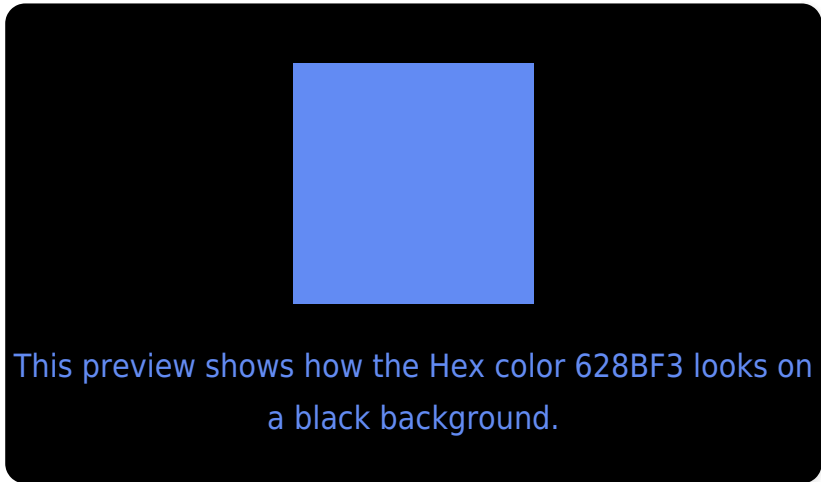
Large Text (above 18pt) WCAG AA ✓ Pass

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

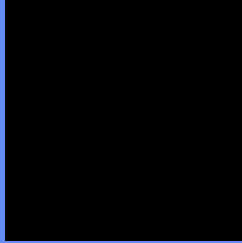
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

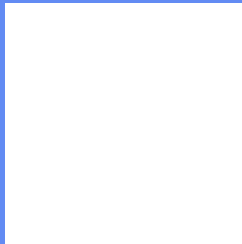
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 628BF3 Background



This preview shows how black text looks on a background with the Hex color 628BF3.

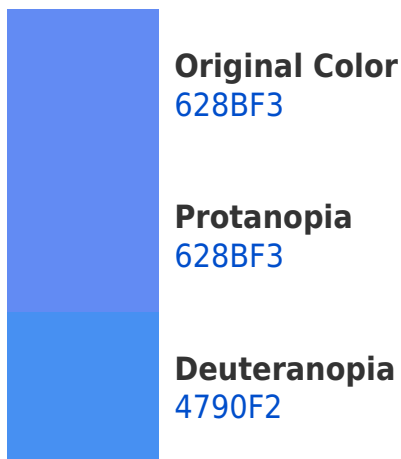


This preview shows how white text looks on a background with the Hex color 628BF3.

# 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](#).

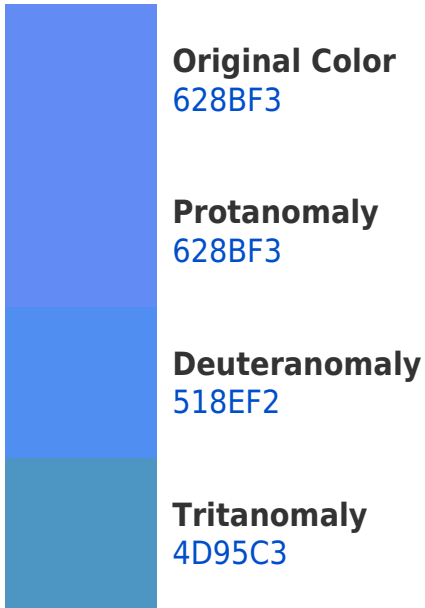
## Dichromacy





**Tritanopia**  
419BA8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628BF3 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 #628BF3 looks like.

```
.text, #text, p{  
    color:#628BF3  
}
```

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 #628BF3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628BF3
}
```

## Border

The CSS property to change the border of an element to Hex 628BF3 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
#628BF3 }
```

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

```
.border{ border-color:#628BF3 }
```

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

Here you see how a box with a 4 pixel #628BF3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628BF3; -webkit-box-shadow:4px 4px  
4px 4px #628BF3; box-shadow:4px 4px 4px  
4px #628BF3 }
```

# Background

The CSS property to change the background color of an element to Hex 628BF3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628BF3 }
```

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

```
.background{ background-color:#628BF3 }
```

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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