

# Converting Colors

Hex(628EE0)

Have a look what the booklet for  
Hex(628EE0) contains.

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# **Color**

**Hex(628EE0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	628EE0
RGB	98, 142, 224
RGB Percent	38%, 56%, 88%
CMY	0.6157, 0.4431, 0.1216
CMYK	0.56, 0.37, 0.00, 0.12
HSL	219°, 67%, 63%
HSV	219°, 56%, 88%
XYZ	28.1645, 27.3245, 74.3107
YIQ	138.1920, -52.5460, 16.1740

# Conversions

## Conversions Part 2

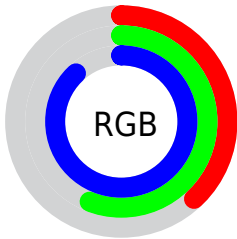
Format	Color
R <sub>Y</sub> B	98, 131, 224
Decimal	6459104
CIE Lab	59.27, 8.89, -46.31
CIE LCh	59, 47.150, 280.866
Yxy	27.3245, 0.2170, 0.2105
Android (android.graphics.Color)	4284649184 (0xFF628EE0)
YUV	138.1920, 42.3033, -35.2484
Hunter-Lab	52.2728, 4.6982, -47.6953

# Details

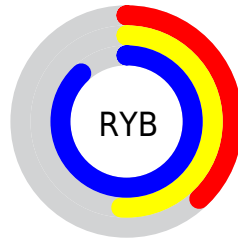
The Hex color **628EE0** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E0B462**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9CC3FF**, and **1E5CA8** is the 20% darker color. If you saturate the color by 10%, you get **4C7FE0**, and if you desaturate by 10%, it is **789DE0**.

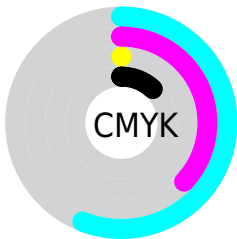
# Distribution



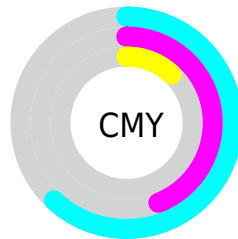
- Red (38%)
- Green (56%)
- Blue (88%)



- Red (38%)
- Yellow (51%)
- Blue (88%)



- Cyan (56%)
- Magenta (37%)
- Yellow (0%)
- Black (12%)



- Cyan (62%)
- Magenta (44%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 628EE0 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 628EE0 by changing the saturation by 10% instead.



■ 628EE0

■ 628EE0

FFFFFF

■ 4375C4

■ 9CC3FF

■ 1E5CA8

■ BADFFF

■ 00458D

■ D7FCFF

■ 002F73

■ F5FFFF

■ 001C5A

■ 000342

■ 00032B

■ 000116

■ 000000

■ 628EE0

■ 628EE0

■ 4C7FE0

■ 789DE0

■ 3571E0

■ 8FABE0

■ 1F62E0

■ A5BAE0

■ 0854E0

■ BCC8E0

■ 004EE0

■ D2D7E0

■ E8E5E0

■ FFF4E0

■ FFFF00

# Harmonies

## Analogous

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



009ADC



628EE0



A57ECE

# Triad

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



628EE0



D5745A



26A272

# Complementary

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



628EE0



E0B462

# 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.



6B9C4D



628EE0



BC833F

# Square

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



628EE0



DC6B81



989139



00A49D

# Rectangle

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



628EE0



C373B8



989139



44A065



# Sweetspot

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



628EE0



D4E3FF



62E0B4



666F80



000000



808080



# Same Dimension

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



628EE0



528EFF



7562E0



656970



003DB0



001130



# Inverse Universe

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



E0628E



FF528E



CDE062



706569



B0003D

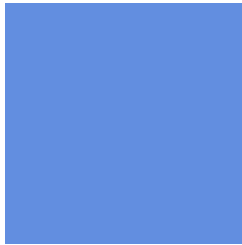


300011



# Previews

## White Background



This preview shows how the Hex color 628EE0 looks on a white background.

## Color Contrast Check

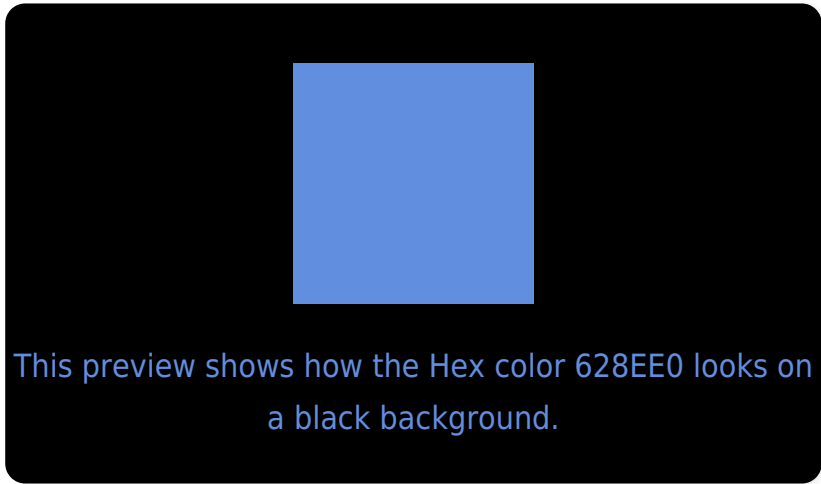
Large Text (above 18pt) WCAG AA ✓ Pass

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 628EE0 Background



This preview shows how black text looks on a background with the Hex color 628EE0.



This preview shows how white text looks on a background with the Hex color 628EE0.

# 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



**Original Color**  
628EE0

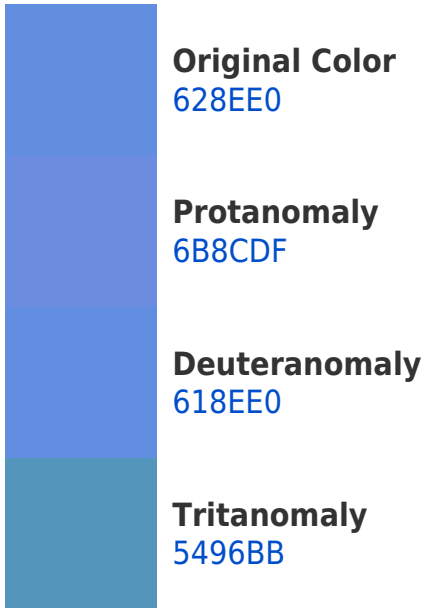
**Protanopia**  
708BDE

**Deuteranopia**  
618EE0

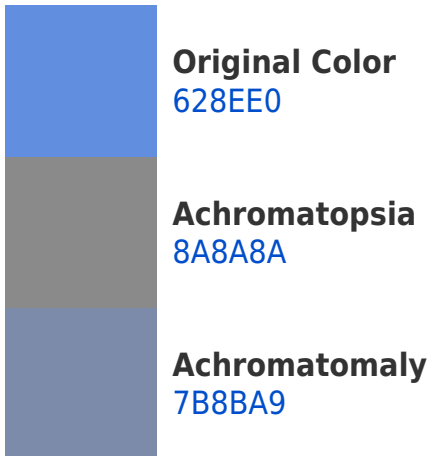


**Tritanopia**  
4C9AA6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 628EE0 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 #628EE0 looks like.

```
.text, #text, p{  
    color:#628EE0  
}
```

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 #628EE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #628EE0
}
```

## Border

The CSS property to change the border of an element to Hex 628EE0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

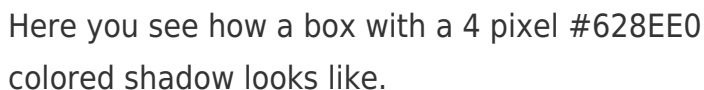
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#628EE0 }
```

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

```
.border{ border-color:#628EE0 }
```

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



Here you see how a box with a 4 pixel #628EE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #628EE0; -webkit-box-shadow:4px 4px  
4px 4px #628EE0; box-shadow:4px 4px 4px  
4px #628EE0 }
```

# Background

The CSS property to change the background color of an element to Hex 628EE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#628EE0 }
```

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

```
.background{ background-color:#628EE0 }
```

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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