

Converting Colors

Hex(628AEF)

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

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Color

Hex(628AEF)

Conversions

Conversions Part 1

Format	Color
Hex	628AEF
RGB	98, 138, 239
RGB Percent	38%, 54%, 94%
CMY	0.6157, 0.4588, 0.0627
CMYK	0.59, 0.42, 0.00, 0.06
HSL	223°, 82%, 66%
HSV	223°, 59%, 94%
XYZ	29.7055, 27.0056, 85.3083
YIQ	137.5540, -56.2610, 22.9310

Conversions

Conversions Part 2

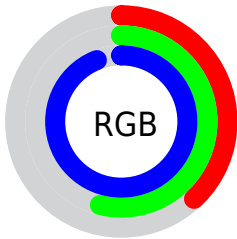
Format	Color
R _Y B	98, 129, 239
Decimal	6458095
CIE Lab	58.98, 16.13, -55.10
CIE LCh	59, 57.414, 286.313
Yxy	27.0056, 0.2092, 0.1902
Android (android.graphics.Color)	4284648175 (0xFF628AEF)
YUV	137.5540, 50.0129, -34.6889
Hunter-Lab	51.9669, 11.0925, -60.9529

Details

The Hex color **628AEF** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EFC762**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **9EBFFF**, and **1559B6** is the 20% darker color. If you saturate the color by 10%, you get **4A79EF**, and if you desaturate by 10%, it is **7A9BEF**.

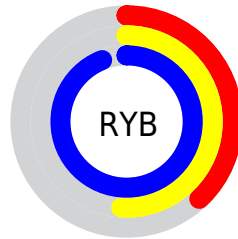
Distribution



Red (38%)

Green (54%)

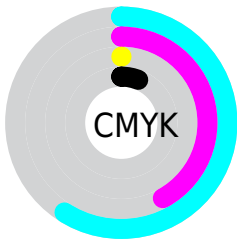
Blue (94%)



Red (38%)

Yellow (51%)

Blue (94%)

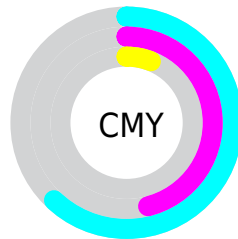


Cyan (59%)

Magenta (42%)

Yellow (0%)

Black (6%)



Cyan (62%)

Magenta (46%)

Yellow (6%)

Brightness & Saturation Gradients

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

■ 628AEF

■ 628AEF

FFFFFF

■ 4171D2

■ 9EBFFF

■ 1559B6

■ BCDBFF

■ 00429B

■ DAF7FF

■ 002D80

■ F8FFFF

■ 001A67

■ 00014E

■ 000536

■ 000220

■ 000004

■ 628AEF

■ 628AEF

■ 4A79EF

■ 7A9BEF

■ 3268EF

■ 92ACEF

■ 1A57EF

■ AABDEF

■ 0246EF

■ C2CEEF

■ 0044EF

■ D9E0EF

■ F1F1EF

■ FFFFEF

Harmonies

Analogous

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



009AF0



628AEF



B375D4

Triad

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



628AEF



DC6F47



00A574

Complementary

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



628AEF



EFC762

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.



539F44



628AEF



BB8325

Square

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



628AEF



EA6074



8E9422



00A6A9

Rectangle

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



628AEF



D367B7



8E9422



00A363

Sweetspot

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



628AEF



D1DEFF



62EFC5



636B80



000000



808080

Same Dimension

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



628AEF



4A7DFF



7E62EF



6C6F78



0034B8



001038

Inverse Universe

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



EF628A



FF4A7D



D3EF62



786C6F



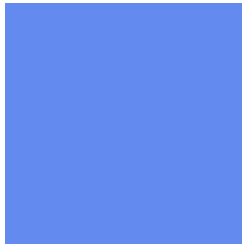
B80034



380010

Previews

White Background



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

Color Contrast Check

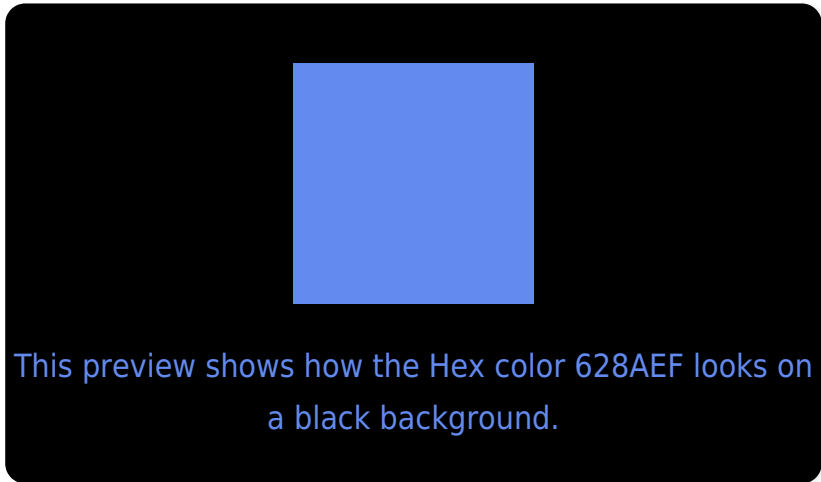
Large Text (above 18pt) WCAG AA ✓ Pass

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

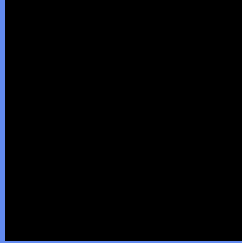
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

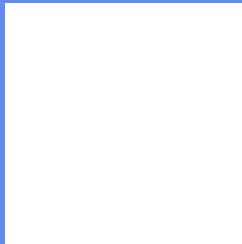
Any Text WCAG AAA × Fail

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

Hex 628AEF Background



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

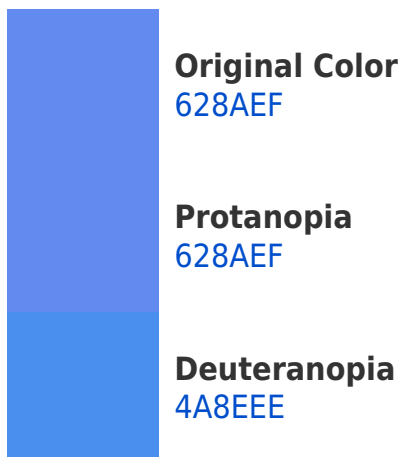


This preview shows how white text looks on a background with the Hex color 628AEF.

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](#).

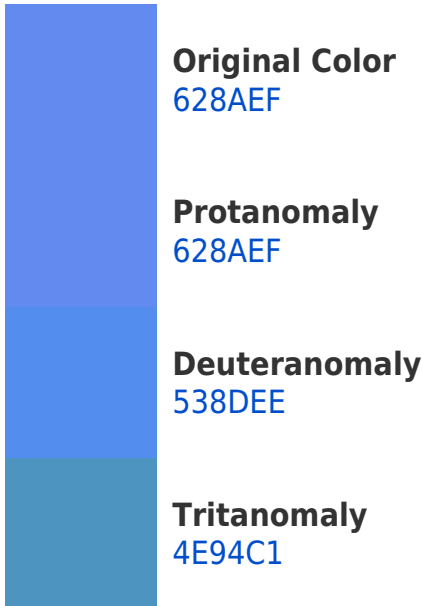
Dichromacy



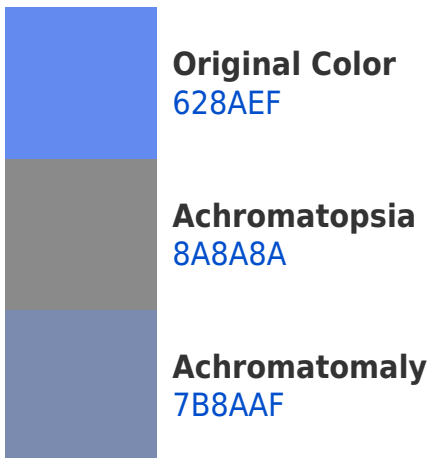


Tritanopia
439AA6

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #628AEF colored shadow looks like.

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

Border

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

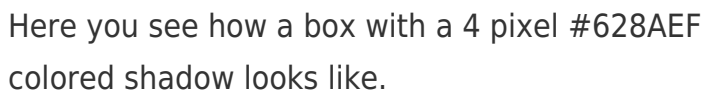
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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