

# Converting Colors

Hex(622EFF)

Have a look what the booklet for  
Hex(622EFF) contains.

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**Color**

**Hex(622EFF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	622EFF
RGB	98, 46, 255
RGB Percent	38%, 18%, 100%
CMY	0.6157, 0.8196, 0.0000
CMYK	0.62, 0.82, 0.00, 0.00
HSL	255°, 100%, 59%
HSV	255°, 82%, 100%
XYZ	24.0640, 11.7707, 95.6114
YIQ	85.3740, -36.0970, 76.0230

# Conversions

## Conversions Part 2

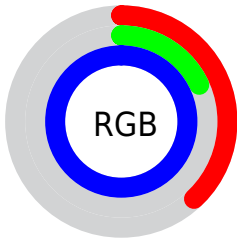
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	98, 46, 255
Decimal	6434559
CIE Lab	40.85, 71.27, -93.50
CIE LCh	41, 117.569, 307.315
Yxy	11.7707, 0.1831, 0.0895
Android (android.graphics.Color)	4284624639 (0xFF622EFF)
YUV	85.3740, 83.6256, 11.0730
Hunter-Lab	34.3084, 65.1607, -141.2148

# Details

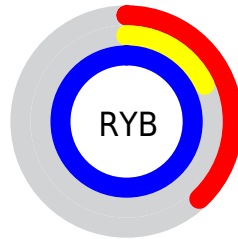
The Hex color **622EFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed purple. A complement of this color would be **CBFF2E**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A565FF**, and **0000C5** is the 20% darker color. If you saturate the color by 10%, you get **4F15FF**, and if you desaturate by 10%, it is **7548FF**.

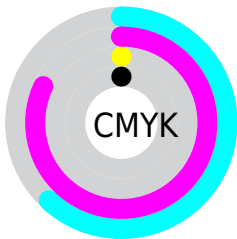
# Distribution



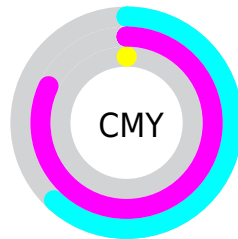
- Red (38%)
- Green (18%)
- Blue (100%)



- Red (38%)
- Yellow (18%)
- Blue (100%)



- Cyan (62%)
- Magenta (82%)
- Yellow (0%)
- Black (0%)



- Cyan (62%)
- Magenta (82%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 622EFF 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 622EFF by changing the saturation by 10% instead.



 622EFF

 622EFF

FFFFFF

 3A0BE1

 A565FF

 0000C5

 C580FF

 0000A8

 E59CFF

 00008D

 FFB8FF

 000072

 FFD5FF

 000D58

 FFF2FF

 000740

 000329

 000113

 622EFF

 622EFF

 4F15FF

 7548FF

 3F00FF

 8861FF

 9B7BFF

 AF94FF

 C2AEFF

 D5C7FF

 E8E1FF

 FBFAFF

FFFFFF

# Harmonies

## Analogous

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



006BFF



622EFF



DB00AD

# Triad

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



622EFF



AE3900



007F77

# Complementary

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



622EFF



CBFF2E

# 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.



007C00



622EFF



616500

# Square

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



622EFF



E40000



007600



0082D6

# Rectangle

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



622EFF



F5006E



007600



007E55



# Sweetspot

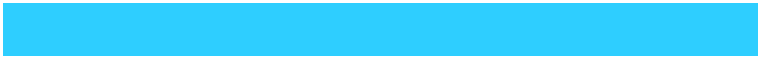
The Sweet Spot groups the original color and five complimentary colors.



622EFF



CFBFFF



2ECEFF



635980



000000



808080



# Same Dimension

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



622EFF



4305FF



C72EFF



767380



3000BF



100040



# Inverse Universe

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



FF2ECB



FF05C1



66FF2E



80737C



BF0090

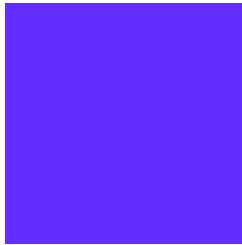


400030



# Previews

## White Background



This preview shows how the Hex color 622EFF looks on a white 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

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

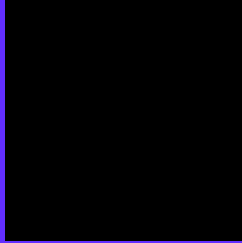
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 622EFF Background



This preview shows how black text looks on a background with the Hex color 622EFF.

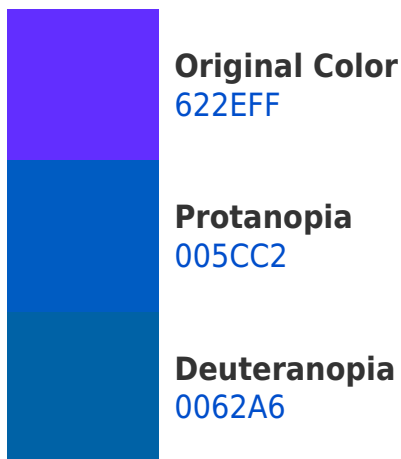


This preview shows how white text looks on a background with the Hex color 622EFF.

# 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**  
0C6A73

# Trichromacy



**Original Color**  
622EFF



**Protanomaly**  
244BD8



**Deuteranomaly**  
244FC6



**Tritanomaly**  
2B54A6

# Monochromacy



**Original Color**  
622EFF



**Achromatopsia**  
555555



**Achromatomaly**  
5A4793

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 622EFF 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 #622EFF looks like.

```
.text, #text, p{  
    color:#622EFF  
}
```

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 #622EFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #622EFF
}
```

## Border

The CSS property to change the border of an element to Hex 622EFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

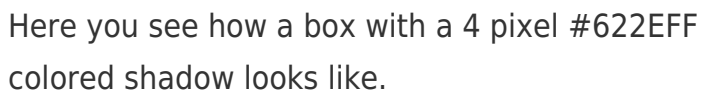
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#622EFF }
```

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

```
.border{ border-color:#622EFF }
```

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



Here you see how a box with a 4 pixel #622EFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #622EFF; -webkit-box-shadow:4px 4px  
4px 4px #622EFF; box-shadow:4px 4px 4px  
4px #622EFF }
```

# Background

The CSS property to change the background color of an element to Hex 622EFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#622EFF }
```

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

```
.background{ background-color:#622EFF }
```

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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