

Converting Colors

Hex(679FF2)

Have a look what the booklet for
Hex(679FF2) contains.

Hex(679FF2)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(679FF2)

Conversions

Conversions Part 1

Format	Color
Hex	679FF2
RGB	103, 159, 242
RGB Percent	40%, 62%, 95%
CMY	0.5961, 0.3765, 0.0510
CMYK	0.57, 0.34, 0.00, 0.05
HSL	216°, 84%, 68%
HSV	216°, 57%, 95%
XYZ	34.0187, 34.0906, 88.7916
YIQ	151.7180, -60.0190, 13.9410

Conversions

Conversions Part 2

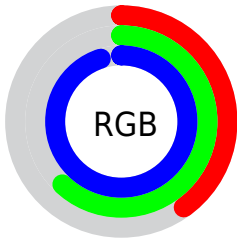
Format	Color
RYB	103, 143, 242
Decimal	6791154
CIELab	65.03, 5.71, -47.14
CIELCh	65, 47.484, 276.912
Yxy	34.0906, 0.2168, 0.2173
Android (android.graphics.Color)	4284981234 (0xFF679FF2)
YUV	151.7180, 44.5090, -42.7257
Hunter-Lab	58.3872, 1.8235, -49.2935

Details

The Hex color **679FF2** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **F2BA67**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **A3D5FF**, and **206CB9** is the 20% darker color. If you saturate the color by 10%, you get **4F91F2**, and if you desaturate by 10%, it is **7FADF2**.

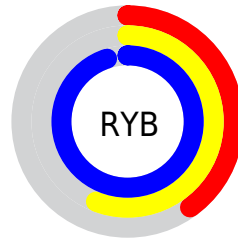
Distribution



Red (40%)

Green (62%)

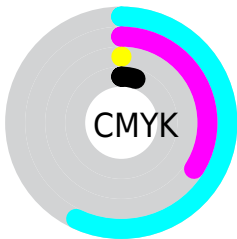
Blue (95%)



Red (40%)

Yellow (56%)

Blue (95%)

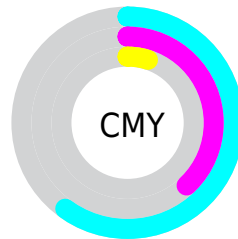


Cyan (57%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (60%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 679FF2 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 679FF2 by changing the saturation by 10% instead.

 679FF2

 679FF2

FFFFFF

 4785D5

 A3D5FF

 206CB9

 C0F2FF

 00549E

 DEFFFF

 003E84

FDFFFF

 00286A

 001551

 00053A

 000223

 00000A

■ 679FF2

■ 679FF2

■ 4F91F2

■ 7FADF2

■ 3782F2

■ 97BCF2

■ 1E74F2

■ B0CAF2

■ 0665F2

■ C8D9F2

■ 0061F2

■ E0E7F2

■ F8F6F2

■ FFFFF2

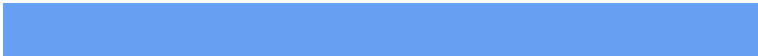
Harmonies

Analogous

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



00ABEB



679FF2



AE8FE2

Triad

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



679FF2



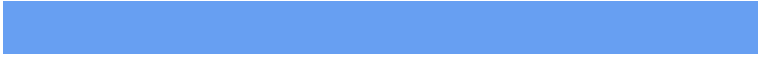
E9816D



45B17B

Complementary

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



679FF2



F2BA67

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.



81AA57



679FF2



D2904F

Square

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



679FF2



ED7A96



AE9F46



00B4A7

Rectangle

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



679FF2



CE84CD



AE9F46



5CAF6E

Sweetspot

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



679FF2



D4E5FF



67F2B8



667080



000000



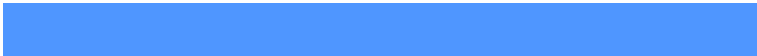
808080

Same Dimension

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



679FF2



4F96FF



7367F2



6C7178



004AB8



001738

Inverse Universe

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



F2679F



FF4F96



E6F267



786C71



B8004A



380017

Previews

White Background



This preview shows how the Hex color 679FF2 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 679FF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

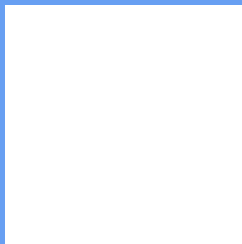
Any Text WCAG AAA ✓ Pass

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

Hex 679FF2 Background



This preview shows how black text looks on a background with the Hex color 679FF2.



This preview shows how white text looks on a background with the Hex color 679FF2.

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](#).

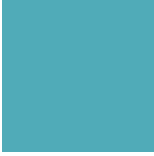
Dichromacy



Original Color
679FF2

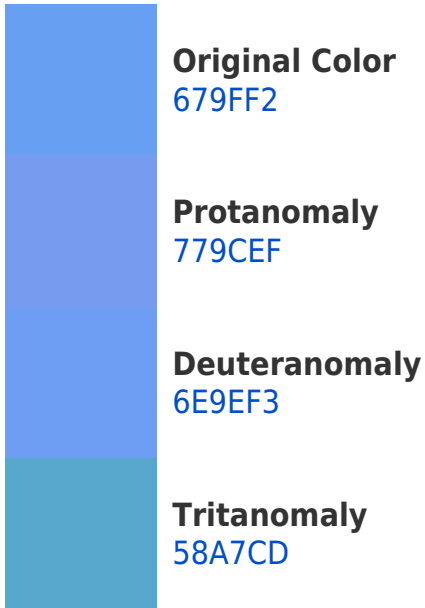
Protanopia
809AEE

Deuteranopia
729DF3

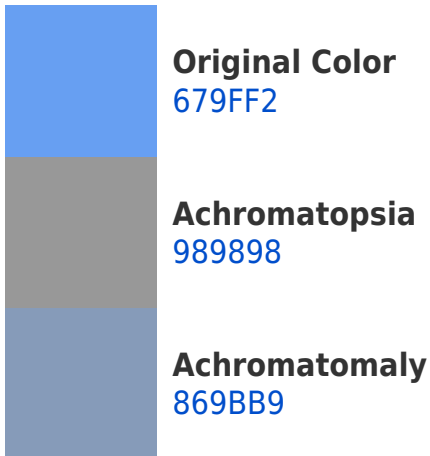


Tritanopia
50ABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 679FF2 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 #679FF2 looks like.

```
.text, #text, p{  
    color:#679FF2  
}
```

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 #679FF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #679FF2
}
```

Border

The CSS property to change the border of an element to Hex 679FF2 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
#679FF2 }
```

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

```
.border{ border-color:#679FF2 }
```

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

Here you see how a box with a 4 pixel #679FF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #679FF2; -webkit-box-shadow:4px 4px  
4px 4px #679FF2; box-shadow:4px 4px 4px  
4px #679FF2 }
```

Background

The CSS property to change the background color of an element to Hex 679FF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#679FF2 }
```

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

```
.background{ background-color:#679FF2 }
```

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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