

Converting Colors

Hex(62A2F8)

Have a look what the booklet for
Hex(62A2F8) contains.

Hex(62A2F8)	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(62A2F8)

Conversions

Conversions Part 1

Format	Color
Hex	62A2F8
RGB	98, 162, 248
RGB Percent	38%, 64%, 97%
CMY	0.6157, 0.3647, 0.0275
CMYK	0.60, 0.35, 0.00, 0.03
HSL	214°, 91%, 68%
HSV	214°, 60%, 97%
XYZ	34.9006, 35.2146, 93.7646
YIQ	152.6680, -65.7500, 13.1780

Conversions

Conversions Part 2

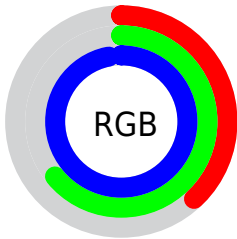
Format	Color
R _Y B	98, 143, 248
Decimal	6464248
CIE Lab	65.92, 4.96, -49.04
CIE LCh	66, 49.295, 275.774
Yxy	35.2146, 0.2130, 0.2149
Android (android.graphics.Color)	4284654328 (0xFF62A2F8)
YUV	152.6680, 46.9987, -47.9438
Hunter-Lab	59.3419, 1.1324, -52.1432

Details

The Hex color **62A2F8** is a light color, and the websafe version is hex **3399FF**. A complement of this color would be **F8B862**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9FD9FF**, and **0F6FBF** is the 20% darker color. If you saturate the color by 10%, you get **4994F8**, and if you desaturate by 10%, it is **7BB0F8**.

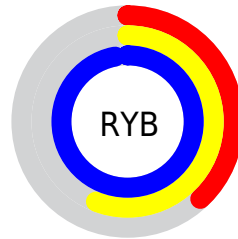
Distribution



Red (38%)

Green (64%)

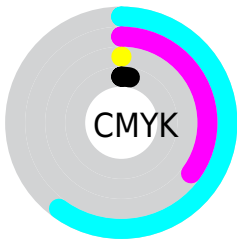
Blue (97%)



Red (38%)

Yellow (56%)

Blue (97%)

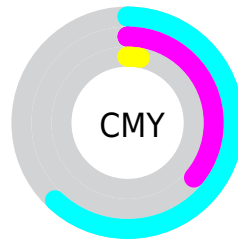


Cyan (60%)

Magenta (35%)

Yellow (0%)

Black (3%)



Cyan (62%)

Magenta (36%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 62A2F8 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 62A2F8 by changing the saturation by 10% instead.

 62A2F8

 62A2F8

FFFFFF

 4088DB

 9FD9FF

 0F6FBF

 BDF5FF

 0057A4

 DBFFFF

 004089


 FAFFFF

 002B6F

 001756

 00063E

 000327

 000111

■ 62A2F8

■ 62A2F8

■ 4994F8

■ 7BB0F8

■ 3086F8

■ 94BEF8

■ 1877F8

■ ACCDF8

■ 006AF8

■ C5DBF8

■ DEE9F8

■ F7F7F8

■ FFFF8

Harmonies

Analogous

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



00AEF0



62A2F8



AF91E8

Triad

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



62A2F8



EE816F



45B47A

Complementary

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



62A2F8



F8B862

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.



83AD55



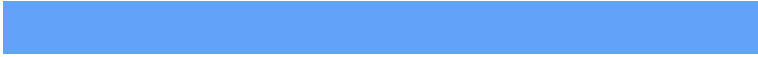
62A2F8



D7914F

Square

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



62A2F8



F27A99



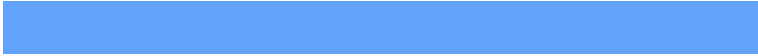
B2A145



00B7A8

Rectangle

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



62A2F8



D186D3



B2A145



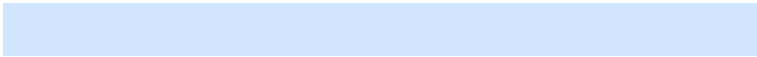
5DB26D

Sweetspot

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



62A2F8



D1E5FF



62F8B7



636F80



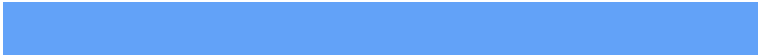
000000



808080

Same Dimension

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



62A2F8



4594FF



6C62F8



70767D



0051BD



001A3D

Inverse Universe

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



F862A2



FF4594



EEF862



7D7076



BD0051



3D001A

Previews

White Background



This preview shows how the Hex color 62A2F8 looks on a white background.

Color Contrast Check

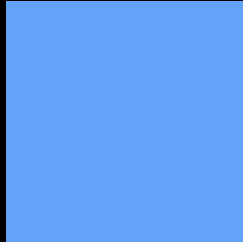
Large Text (above 18pt) WCAG AA × Fail

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 62A2F8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

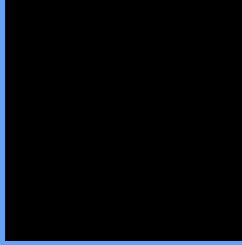
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

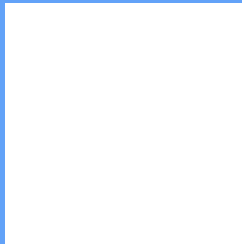
Any Text WCAG AAA ✓ Pass

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

Hex 62A2F8 Background



This preview shows how black text looks on a background with the Hex color 62A2F8.



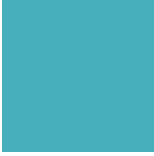
This preview shows how white text looks on a background with the Hex color 62A2F8.

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](#).

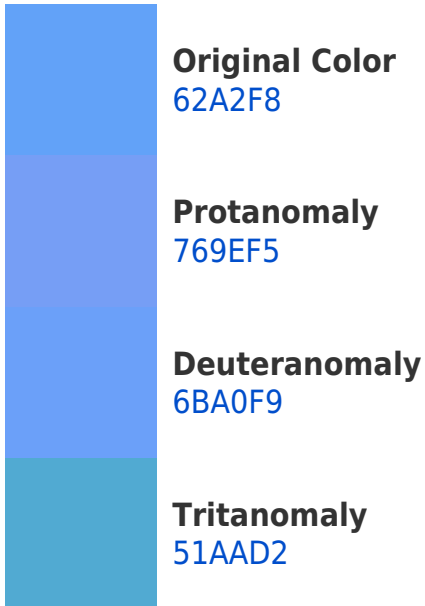
Dichromacy



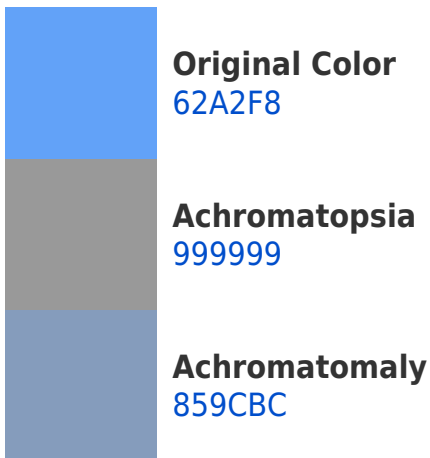


Tritanopia
47AEBC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 62A2F8 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 #62A2F8 looks like.

```
.text, #text, p{  
    color:#62A2F8  
}
```

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 #62A2F8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62A2F8
}
```

Border

The CSS property to change the border of an element to Hex 62A2F8 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
#62A2F8 }
```

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

```
.border{ border-color:#62A2F8 }
```

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

Here you see how a box with a 4 pixel #62A2F8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62A2F8; -webkit-box-shadow:4px 4px  
4px 4px #62A2F8; box-shadow:4px 4px 4px  
4px #62A2F8 }
```

Background

The CSS property to change the background color of an element to Hex 62A2F8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62A2F8 }
```

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

```
.background{ background-color:#62A2F8 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor