

Converting Colors

Hex(59B2FF)

Have a look what the booklet for
Hex(59B2FF) contains.

Hex(59B2FF)	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(59B2FF)

Conversions

Conversions Part 1

Format	Color
Hex	59B2FF
RGB	89, 178, 255
RGB Percent	35%, 70%, 100%
CMY	0.6510, 0.3020, 0.0000
CMYK	0.65, 0.30, 0.00, 0.00
HSL	208°, 100%, 67%
HSV	208°, 65%, 100%
XYZ	38.0902, 41.1846, 100.5496
YIQ	160.1670, -77.7610, 5.0790

Conversions

Conversions Part 2

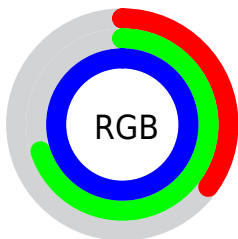
Format	Color
R _Y B	89, 147, 255
Decimal	5878527
CIE Lab	70.31, -3.37, -45.96
CIE LCh	70, 46.083, 265.805
Yxy	41.1846, 0.2118, 0.2290
Android (android.graphics.Color)	4284068607 (0xFF59B2FF)
YUV	160.1670, 46.7527, -62.4135
Hunter-Lab	64.1753, -6.3608, -47.9727

Details

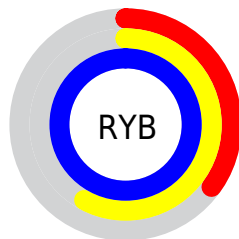
The Hex color **59B2FF** is a light color, and the websafe version is hex **6699CC**. The color can be described as light muted azure. A complement of this color would be **FFA659**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **99E9FF**, and **007EC6** is the 20% darker color. If you saturate the color by 10%, you get **40A6FF**, and if you desaturate by 10%, it is **73BEFF**.

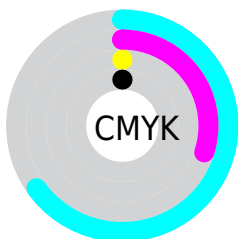
Distribution



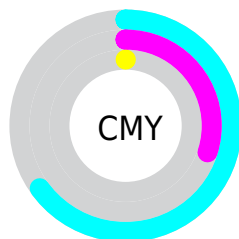
- Red (35%)
- Green (70%)
- Blue (100%)



- Red (35%)
- Yellow (58%)
- Blue (100%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (30%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59B2FF 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 59B2FF by changing the saturation by 10% instead.

 59B2FF

 59B2FF

FFFFFF

 3397E2

 99E9FF

 007EC6

 B8FFFF

 0065AA

 D6FFFF

 004D8F

 F5FFFF

 003775

 00225C

 000A44

 00032D

 000118

■ 59B2FF

■ 59B2FF

■ 40A6FF

■ 73BEFF

■ 269AFF

■ 8CCAFF

■ 0D8FFF

■ A6D5FF

■ 0089FF

■ BFE1FF

■ D9EDFF

■ F2F9FF

FFFFFF

Harmonies

Analogous

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



00BCF0



59B2FF



A7A3F7

Triad

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



59B2FF



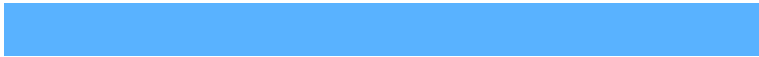
FB8C8A



6FBD7B

Complementary

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



59B2FF



FFA659

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.



A1B45E



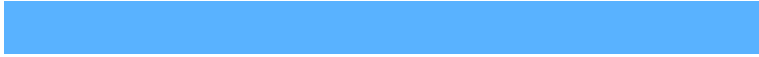
59B2FF



EB9868

Square

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



59B2FF



F78AB4



CBA857



1DC1A4

Rectangle

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



59B2FF



CC99E7



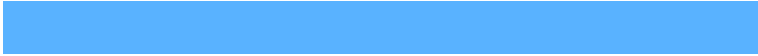
CBA857



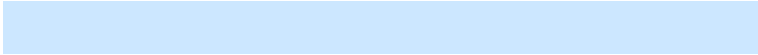
81BB70

Sweetspot

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



59B2FF



CCE7FF



59FFA4



617180



000000



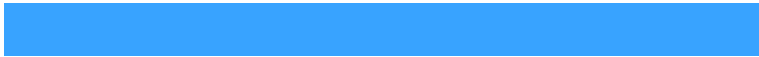
808080

Same Dimension

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



59B2FF



38A3FF



5961FF



737A80



0067BF



002240

Inverse Universe

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



FF59B2



FF38A3



FFF759



80737A



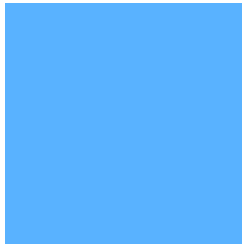
BF0067



400022

Previews

White Background



This preview shows how the Hex color 59B2FF looks on a white background.

Color Contrast Check

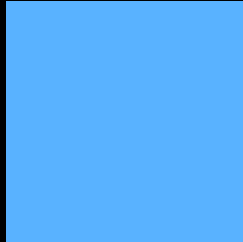
Large Text (above 18pt) WCAG AA × Fail

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 59B2FF 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

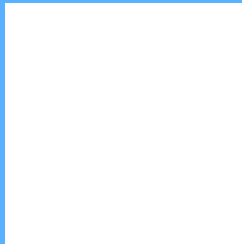
Any Text WCAG AAA ✓ Pass

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

Hex 59B2FF Background



This preview shows how black text looks on a background with the Hex color 59B2FF.

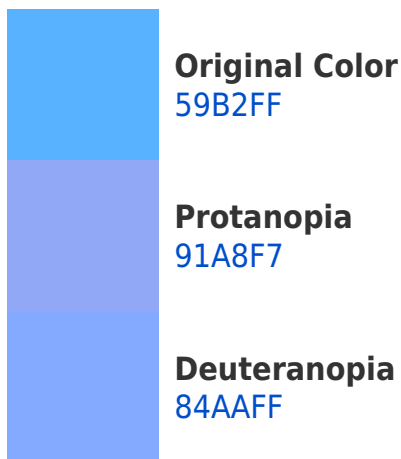


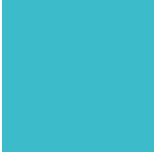
This preview shows how white text looks on a background with the Hex color 59B2FF.

Color Blindness Simulation

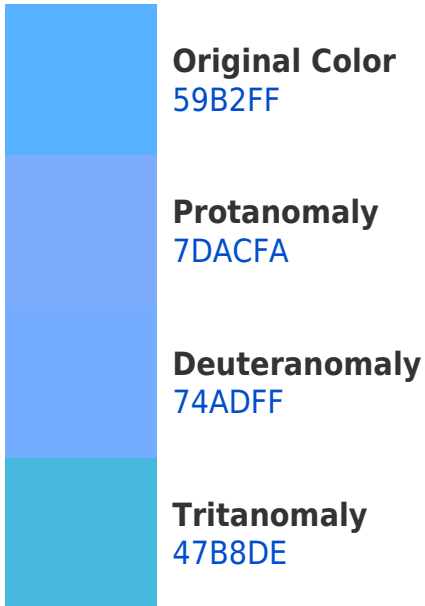
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

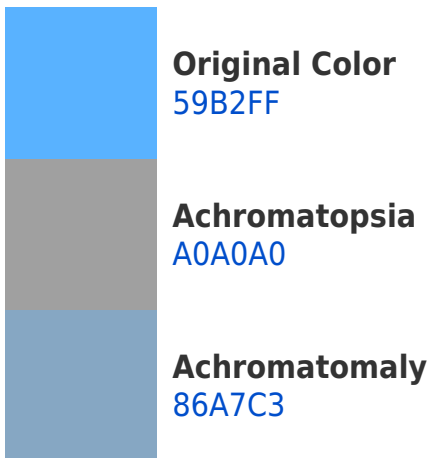




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 59B2FF 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 #59B2FF looks like.

```
.text, #text, p{  
    color:#59B2FF  
}
```

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 #59B2FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B2FF
}
```

Border

The CSS property to change the border of an element to Hex 59B2FF 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
#59B2FF }
```

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

```
.border{ border-color:#59B2FF }
```

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

Here you see how a box with a 4 pixel #59B2FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B2FF; -webkit-box-shadow:4px 4px  
4px 4px #59B2FF; box-shadow:4px 4px 4px  
4px #59B2FF }
```

Background

The CSS property to change the background color of an element to Hex 59B2FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B2FF }
```

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

```
.background{ background-color:#59B2FF }
```

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