

Converting Colors

Hex(59F683)

Have a look what the booklet for
Hex(59F683) contains.

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Color

Hex(59F683)

Conversions

Conversions Part 1

Format	Color
Hex	59F683
RGB	89, 246, 131
RGB Percent	35%, 96%, 51%
CMY	0.6510, 0.0353, 0.4863
CMYK	0.64, 0.00, 0.47, 0.04
HSL	136°, 90%, 66%
HSV	136°, 64%, 96%
XYZ	41.1723, 69.6741, 32.7512
YIQ	185.9470, -56.6570, -69.0490

Conversions

Conversions Part 2

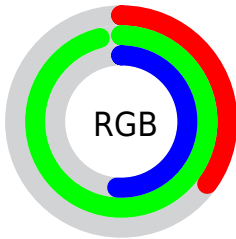
Format	Color
RYB	89, 213, 246
Decimal	5895811
CIELab	86.84, -64.94, 43.30
CIElCh	87, 78.054, 146.306
Yxy	69.6741, 0.2867, 0.4852
Android (android.graphics.Color)	4284085891 (0xFF59F683)
YUV	185.9470, -27.0889, -85.0225
Hunter-Lab	83.4710, -58.0286, 35.1663

Details

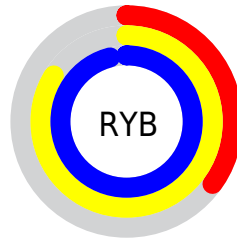
The Hex color **59F683** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F659CC**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **99FFBA**, and **00BC4F** is the 20% darker color. If you saturate the color by 10%, you get **40F671**, and if you desaturate by 10%, it is **72F695**.

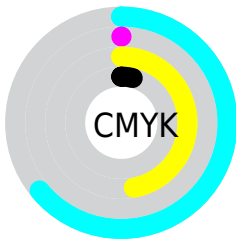
Distribution



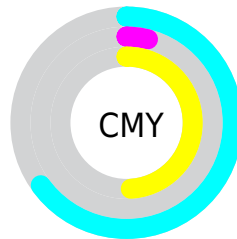
- Red (35%)
- Green (96%)
- Blue (51%)



- Red (35%)
- Yellow (84%)
- Blue (96%)



- Cyan (64%)
- Magenta (0%)
- Yellow (47%)
- Black (4%)



- Cyan (65%)
- Magenta (4%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 59F683 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 59F683 by changing the saturation by 10% instead.

 59F683

 59F683

FFFFFF

 32D969

 99FFBA

 00BC4F

 B8FFD6

 00A035

 D7FFF3

 00851B

 F6FFFF

 006B00

 005100

 003900

 002000

 000000

 59F683

 59F683

 40F671

 72F695

 28F65F

 8AF6A7

 0FF64D

 A3F6B9

 00F642

 BBF6CB

 D4F6DD

 EDF6EF

 FFF6FF

Harmonies

Analogous

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



C0E948



59F683



00FCCE

Triad

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



59F683



00E5FF



FF9B9C

Complementary

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



59F683



F659CC

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.



FF95E6



59F683



CACAFF

Square

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



59F683



00F5FF



FFAAFF



FFB65E

Rectangle

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



59F683



00DFFF



FFAAFF



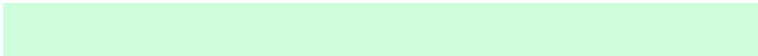
FF96B4

Sweetspot

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



59F683



CFFFDC



CCF659



62806A



000000



808080

Same Dimension

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



59F683



3BFF6F



59F6D1



6E7A71



00BA32



003B10

Inverse Universe

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



F659CC



FF3BCA



F6597E



7A6E77



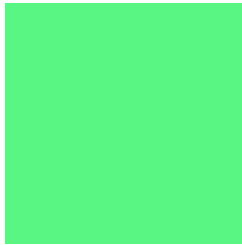
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color 59F683 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 59F683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

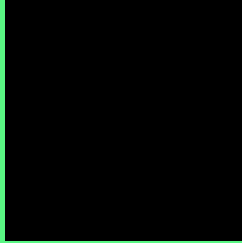
Any Text WCAG AA ✓ Pass

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 59F683 Background



This preview shows how black text looks on a background with the Hex color 59F683.

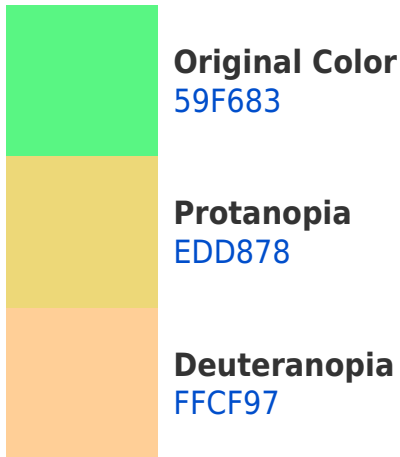


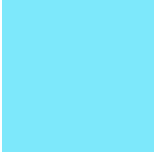
This preview shows how white text looks on a background with the Hex color 59F683.

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
7DE8FB

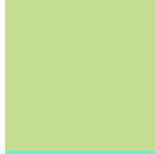
Trichromacy



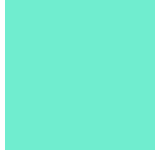
Original Color
59F683



Protanomaly
B7E37C



Deuteranomaly
C3DD90

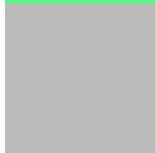


Tritanomaly
70EDCF

Monochromacy



Original Color
59F683



Achromatopsia
BABABA



Achromatomaly
97D0A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 59F683 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 #59F683 looks like.

```
.text, #text, p{  
    color:#59F683  
}
```

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 #59F683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59F683
}
```

Border

The CSS property to change the border of an element to Hex 59F683 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
#59F683 }
```

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

```
.border{ border-color:#59F683 }
```

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

Here you see how a box with a 4 pixel #59F683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59F683; -webkit-box-shadow:4px 4px  
4px 4px #59F683; box-shadow:4px 4px 4px  
4px #59F683 }
```

Background

The CSS property to change the background color of an element to Hex 59F683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59F683 }
```

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

```
.background{ background-color:#59F683 }
```

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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