

Converting Colors

Hex(55F29C)

Have a look what the booklet for
Hex(55F29C) contains.

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Color

Hex(55F29C)

Conversions

Conversions Part 1

Format	Color
Hex	55F29C
RGB	85, 242, 156
RGB Percent	33%, 95%, 61%
CMY	0.6667, 0.0510, 0.3882
CMYK	0.65, 0.00, 0.36, 0.05
HSL	147°, 86%, 64%
HSV	147°, 65%, 95%
XYZ	41.4992, 67.8359, 42.3589
YIQ	185.2530, -65.9660, -60.0300

Conversions

Conversions Part 2

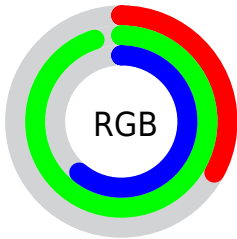
Format	Color
R _Y B	85, 193, 242
Decimal	5632668
CIE Lab	85.92, -60.01, 29.73
CIE LCh	86, 66.971, 153.646
Yxy	67.8359, 0.2736, 0.4472
Android (android.graphics.Color)	4283822748 (0xFF55F29C)
YUV	185.2530, -14.4217, -87.9219
Hunter-Lab	82.3625, -54.1954, 27.1610

Details

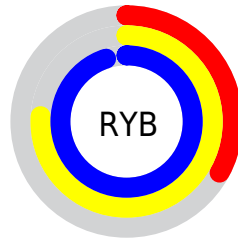
The Hex color **55F29C** is a light color, and the websafe version is hex **66FF99**. The color can be described as light muted spring green. A complement of this color would be **F255AB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **95FFD3**, and **00B968** is the 20% darker color. If you saturate the color by 10%, you get **3DF28F**, and if you desaturate by 10%, it is **6DF2A9**.

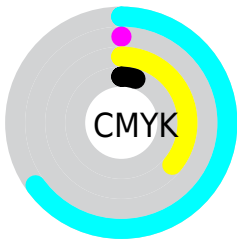
Distribution



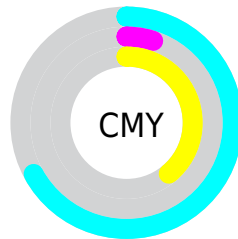
- Red (33%)
- Green (95%)
- Blue (61%)



- Red (33%)
- Yellow (76%)
- Blue (95%)



- Cyan (65%)
- Magenta (0%)
- Yellow (36%)
- Black (5%)



- Cyan (67%)
- Magenta (5%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55F29C 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 55F29C by changing the saturation by 10% instead.

 55F29C

FFFFFF

 95FFD3

 B4FFF0


 D3FFFF

 F1FFFF

 55F29C

 2DD582

 00B968

 009D4F


 008237

 006820

 004E07

 003600

 001D00

 000000

 55F29C

 55F29C

 3DF28F

 6DF2A9

 25F281

 85F2B7

 0CF274

 9EF2C4

 00F26D

 B6F2D1

 CEF2DE

 E6F2EC

 FEF2F9

 FFF2FF

Harmonies

Analogous

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



B2E768



55F29C



00F6DD

Triad

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



55F29C



68DBFF



FFA894

Complementary

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



55F29C



F255AB

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.



FF9FD2



55F29C



E5C3FF

Square

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



55F29C



00ECFF



FFAAFF



FFBF64

Rectangle

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



55F29C



00F6FF



FFAAFF



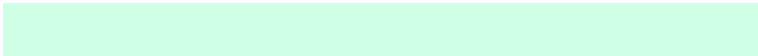
FFA3A8

Sweetspot

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



55F29C



CFFFE4



ABF255



62806F



000000



808080

Same Dimension

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



55F29C



38FF92



55F2EA



6C7871



00B853



003819

Inverse Universe

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



F255AB



FF38A5



F2555D



786C72



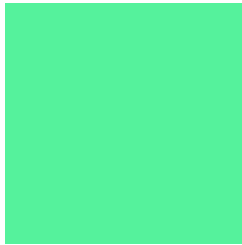
B80065



38001F

Previews

White Background



This preview shows how the Hex color 55F29C looks on a white background.

Color Contrast Check

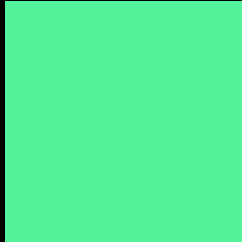
Large Text (above 18pt) WCAG AA × Fail

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 55F29C 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 55F29C Background



This preview shows how black text looks on a background with the Hex color 55F29C.

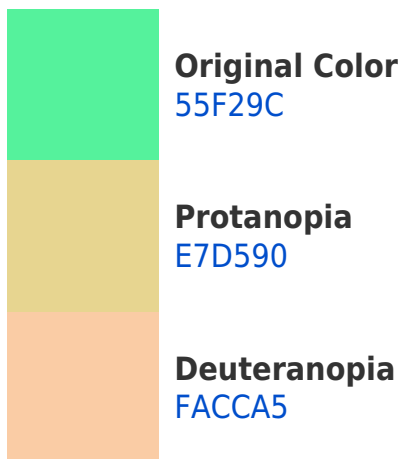


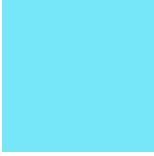
This preview shows how white text looks on a background with the Hex color 55F29C.

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](#).

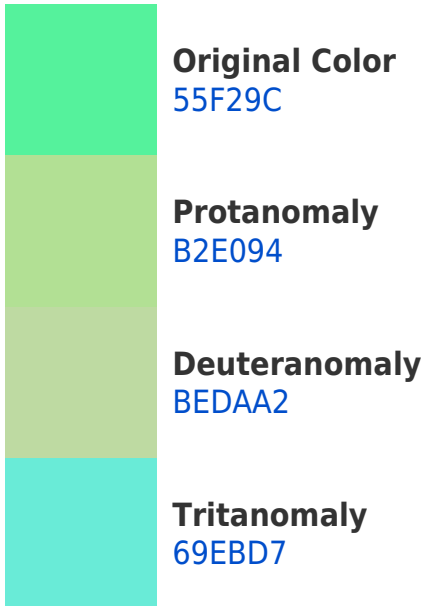
Dichromacy



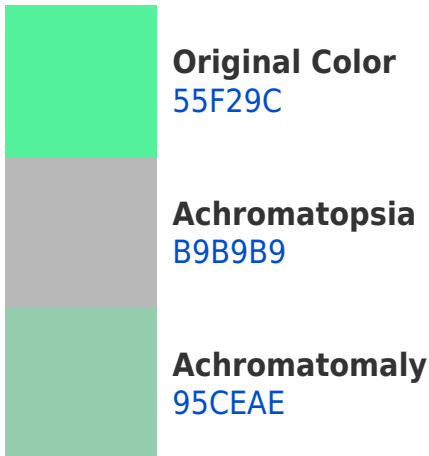


Tritanopia
75E7F9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55F29C 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 #55F29C looks like.

```
.text, #text, p{  
    color:#55F29C  
}
```

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 #55F29C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F29C
}
```

Border

The CSS property to change the border of an element to Hex 55F29C 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
#55F29C }
```

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

```
.border{ border-color:#55F29C }
```

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

Here you see how a box with a 4 pixel #55F29C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F29C; -webkit-box-shadow:4px 4px  
4px 4px #55F29C; box-shadow:4px 4px 4px  
4px #55F29C }
```

Background

The CSS property to change the background color of an element to Hex 55F29C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F29C }
```

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

```
.background{ background-color:#55F29C }
```

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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