

Converting Colors

Hex(55F680)

Have a look what the booklet for
Hex(55F680) contains.

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Color

Hex(55F680)

Conversions

Conversions Part 1

Format	Color
Hex	55F680
RGB	85, 246, 128
RGB Percent	33%, 96%, 50%
CMY	0.6667, 0.0353, 0.4980
CMYK	0.65, 0.00, 0.48, 0.04
HSL	136°, 90%, 65%
HSV	136°, 65%, 96%
XYZ	40.5984, 69.4013, 31.6781
YIQ	184.4090, -58.0780, -70.8300

Conversions

Conversions Part 2

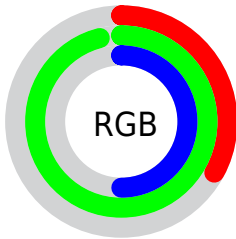
Format	Color
RYB	85, 212, 246
Decimal	5633664
CIELab	86.70, -66.13, 44.55
CIElCh	87, 79.735, 146.033
Yxy	69.4013, 0.2866, 0.4899
Android (android.graphics.Color)	4283823744 (0xFF55F680)
YUV	184.4090, -27.8096, -87.1817
Hunter-Lab	83.3075, -58.7994, 35.7699

Details

The Hex color **55F680** 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 **F655CB**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **96FFB6**, and **00BC4C** is the 20% darker color. If you saturate the color by 10%, you get **3CF66E**, and if you desaturate by 10%, it is **6EF692**.

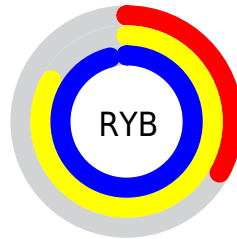
Distribution



Red (33%)

Green (96%)

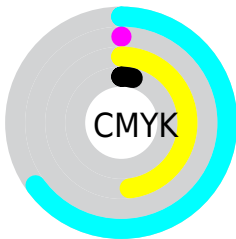
Blue (50%)



Red (33%)

Yellow (83%)

Blue (96%)

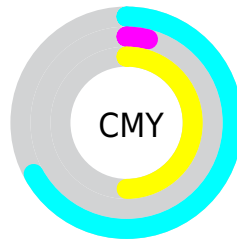


Cyan (65%)

Magenta (0%)

Yellow (48%)

Black (4%)



Cyan (67%)

Magenta (4%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55F680 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 55F680 by changing the saturation by 10% instead.

 55F680

 55F680

FFFFFF

 2CD966


 96FFB6

 00BC4C

 B5FFD3

 00A032

 D4FFE7

 008517

 F3FFFF

 006B00

 005100

 003900

 001F00

 000000

 55F680

 55F680

 3CF66E

 6EF692

 24F65C

 86F6A4

 0BF64A

 9FF6B6

 00F642

 B7F6C8

 D0F6DA

 E9F6EC

 FFF6FE

 FFF6FF

Harmonies

Analogous

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



BFE843



55F680



00FCCC

Triad

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



55F680



00E5FF



FF989B

Complementary

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



55F680



F655CB

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.



FF92E6



55F680



C8C9FF

Square

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



55F680



00F6FF



FFA8FF



FFB45B

Rectangle

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



55F680



00DFFF



FFA8FF



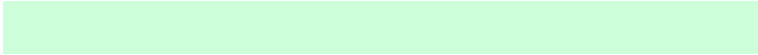
FF93B4

Sweetspot

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



55F680



CCFFDA



CBF655



618069



000000



808080

Same Dimension

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



55F680



36FF6B



55F6D0



6E7A71



00BA32



003B10

Inverse Universe

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



F655CB



FF36C9



F6557B



7A6E77



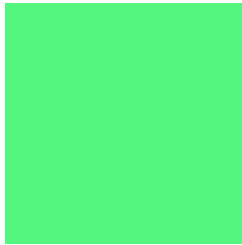
BA0088



3B002B

Previews

White Background



This preview shows how the Hex color 55F680 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 55F680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

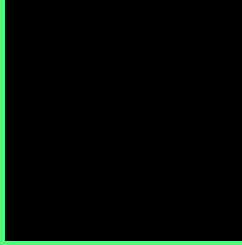
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

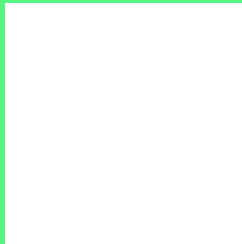
Any Text WCAG AAA ✓ Pass

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

Hex 55F680 Background



This preview shows how black text looks on a background with the Hex color 55F680.

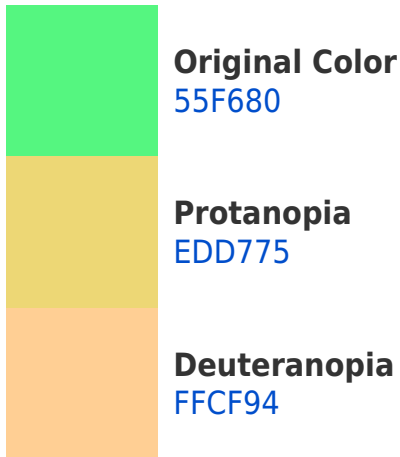


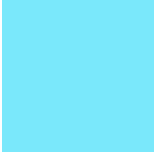
This preview shows how white text looks on a background with the Hex color 55F680.

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
7AE8FB

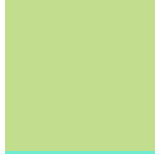
Trichromacy



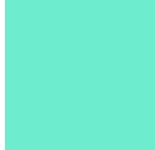
Original Color
55F680



Protanomaly
B6E279



Deuteranomaly
C1DD8D

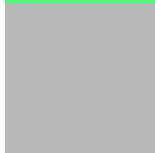


Tritanomaly
6DEDCE

Monochromacy



Original Color
55F680



Achromatopsia
B8B8B8



Achromatomaly
94CFA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 55F680 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 #55F680 looks like.

```
.text, #text, p{  
    color:#55F680  
}
```

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 #55F680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55F680
}
```

Border

The CSS property to change the border of an element to Hex 55F680 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
#55F680 }
```

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

```
.border{ border-color:#55F680 }
```

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

Here you see how a box with a 4 pixel #55F680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55F680; -webkit-box-shadow:4px 4px  
4px 4px #55F680; box-shadow:4px 4px 4px  
4px #55F680 }
```

Background

The CSS property to change the background color of an element to Hex 55F680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55F680 }
```

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

```
.background{ background-color:#55F680 }
```

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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