

Converting Colors

Hex(58B73F)

Have a look what the booklet for
Hex(58B73F) contains.

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Color

Hex(58B73F)

Conversions

Conversions Part 1

Format	Color
Hex	58B73F
RGB	88, 183, 63
RGB Percent	35%, 72%, 25%
CMY	0.6549, 0.2824, 0.7529
CMYK	0.52, 0.00, 0.66, 0.28
HSL	108°, 49%, 48%
HSV	108°, 66%, 72%
XYZ	21.8552, 36.3006, 10.5574
YIQ	140.9150, -18.1000, -57.4600

Conversions

Conversions Part 2

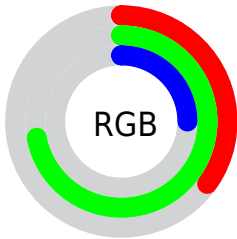
Format	Color
RYB	63, 183, 158
Decimal	5814079
CIELab	66.75, -50.36, 50.79
CIELCh	67, 71.521, 134.755
Yxy	36.3006, 0.3181, 0.5283
Android (android.graphics.Color)	4284004159 (0xFF58B73F)
YUV	140.9150, -38.4121, -46.4065
Hunter-Lab	60.2499, -40.6879, 31.7857

Details

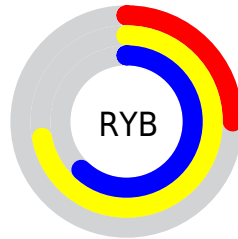
The Hex color **58B73F** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9E3FB7**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **91F074**, and **138100** is the 20% darker color. If you saturate the color by 10%, you get **4AB72D**, and if you desaturate by 10%, it is **66B751**.

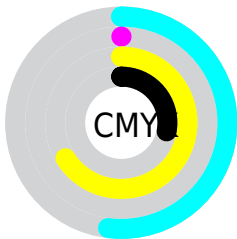
Distribution



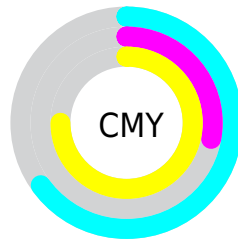
- Red (35%)
- Green (72%)
- Blue (25%)



- Red (25%)
- Yellow (72%)
- Blue (62%)



- Cyan (52%)
- Magenta (0%)
- Yellow (66%)
- Black (28%)



- Cyan (65%)
- Magenta (28%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58B73F 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 58B73F by changing the saturation by 10% instead.

 58B73F

 58B73F

FFFFFF

 3A9C24

 91F074

 138100

 AEF8F

 006700

 CBFFAA

 004E00

 E9FFC6

 003600

 FFFFEE

 001F00

 000000

 58B73F

 58B73F

 4AB72D

 66B751

 3BB71A

 75B764

 2DB708

 83B776

 26B700

 92B788

 A0B79B

 AFB7AD

 BDB7BF

 CCB7D1

 DAB7E4

Harmonies

Analogous

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



A4A900



58B73F



00BE7E

Triad

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



58B73F



00B3FF



FF6285

Complementary

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



58B73F



9E3FB7

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.



FF67C6



58B73F



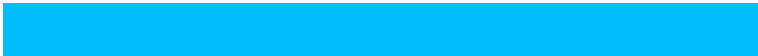
579FFF

Square

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



58B73F



00BDFC



CD82FF



FF784A

Rectangle

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



58B73F



00C0AB



CD82FF



FF609B

Sweetspot

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



58B73F



C8EDBE



B79D3F



61785B



F7F7F7



787878

Same Dimension

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



58B73F



59ED32



3FB761



555C53



209C00



061C00

Inverse Universe

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



9E3FB7



C632ED



B73F95



5A535C



7B009C



16001C

Previews

White Background



This preview shows how the Hex color 58B73F looks on a white background.

Color Contrast Check

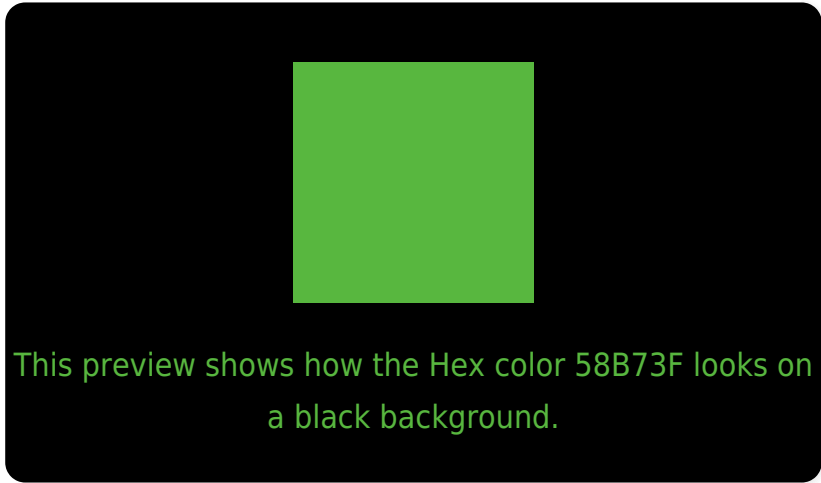
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 58B73F Background



This preview shows how black text looks on a background with the Hex color 58B73F.



This preview shows how white text looks on a background with the Hex color 58B73F.

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](#).

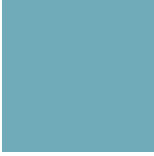
Dichromacy



Original Color
58B73F

Protanopia
B4A239

Deuteranopia
C89948



Tritanopia
70ABB9

Trichromacy



Original Color
58B73F



Protanomaly
93AA3B



Deuteranomaly
9FA445



Tritanomaly
67AF8D

Monochromacy



Original Color
58B73F



Achromatopsia
8D8D8D



Achromatomaly
7A9C71

CSS Examples

Text

The CSS property to change the color of the text to Hex 58B73F 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 #58B73F looks like.

```
.text, #text, p{  
    color:#58B73F  
}
```

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 #58B73F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B73F
}
```

Border

The CSS property to change the border of an element to Hex 58B73F 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
#58B73F }
```

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

```
.border{ border-color:#58B73F }
```

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

Here you see how a box with a 4 pixel #58B73F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B73F; -webkit-box-shadow:4px 4px  
4px 4px #58B73F; box-shadow:4px 4px 4px  
4px #58B73F }
```

Background

The CSS property to change the background color of an element to Hex 58B73F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B73F }
```

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

```
.background{ background-color:#58B73F }
```

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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