

Converting Colors

Hex(58F258)

Have a look what the booklet for
Hex(58F258) contains.

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Color

Hex(58F258)

Conversions

Conversions Part 1

Format	Color
Hex	58F258
RGB	88, 242, 88
RGB Percent	35%, 95%, 35%
CMY	0.6549, 0.0510, 0.6549
CMYK	0.64, 0.00, 0.64, 0.05
HSL	120°, 86%, 65%
HSV	120°, 64%, 95%
XYZ	37.5381, 66.2835, 20.0481
YIQ	178.3980, -42.3500, -80.5420

Conversions

Conversions Part 2

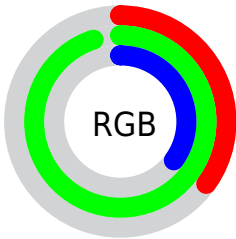
Format	Color
RYB	88, 242, 242
Decimal	5829208
CIELab	85.14, -69.11, 60.60
CIELCh	85, 91.915, 138.753
Yxy	66.2835, 0.3030, 0.5351
Android (android.graphics.Color)	4284019288 (0xFF58F258)
YUV	178.3980, -44.5662, -79.2790
Hunter-Lab	81.4147, -60.1743, 42.3904

Details

The Hex color **58F258** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **F258F2**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **99FF8F**, and **00B81B** is the 20% darker color. If you saturate the color by 10%, you get **40F240**, and if you desaturate by 10%, it is **70F270**.

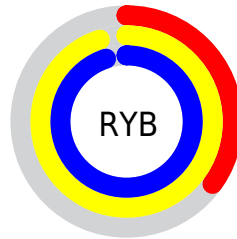
Distribution



Red (35%)

Green (95%)

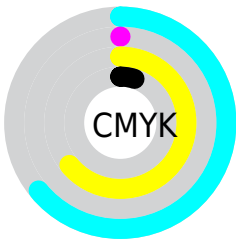
Blue (35%)



Red (35%)

Yellow (95%)

Blue (95%)

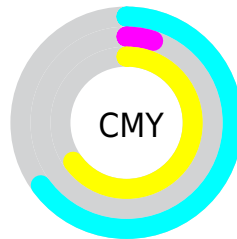


Cyan (64%)

Magenta (0%)

Yellow (64%)

Black (5%)



Cyan (65%)

Magenta (5%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58F258 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 58F258 by changing the saturation by 10% instead.

 58F258

 58F258

FFFFFF

 30D53C

 99FF8F

 00B81B

 B8FFAB

 009D00

 D7FFC8

 008100

 F6FFE5

 006700

 004D00

 003600

 001B00

 000000

 58F258

 58F258

 40F240

 70F270

 28F228

 88F288

 0FF20F

 A1F2A1

 00F200

 B9F2B9

 D1F2D1

 E9F2E9

 FFF2FF

Harmonies

Analogous

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



CAE100



58F258



00FB80

Triad

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



58F258



00E8FF



FF7DA2

Complementary

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



58F258



F258F2

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.



FF7FF9



58F258



8ACCFE

Square

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



58F258



00F8FF



FFA3FF



FF9F52

Rectangle

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



58F258



00FDED



FFA3FF



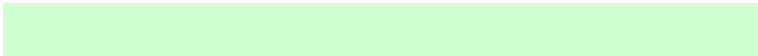
FF79BF

Sweetspot

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



58F258



CFFFCF



F2F258



628062



000000



808080

Same Dimension

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



58F258



3DFF3D



58F2A5



6C786C



00B800



003800

Inverse Universe

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



F258F2



FF3DFF



F258A5



786C78



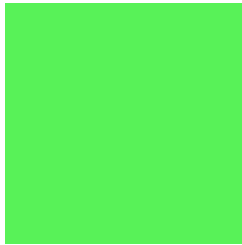
B800B8



380038

Previews

White Background



This preview shows how the Hex color 58F258 looks on a white background.

Color Contrast Check

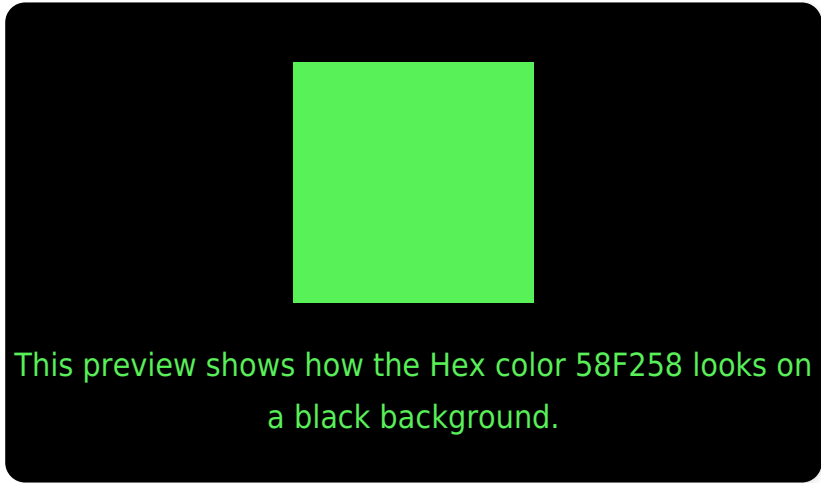
Large Text (above 18pt) WCAG AA × Fail

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

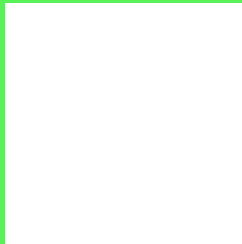
Any Text WCAG AAA ✓ Pass

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

Hex 58F258 Background



This preview shows how black text looks on a background with the Hex color 58F258.

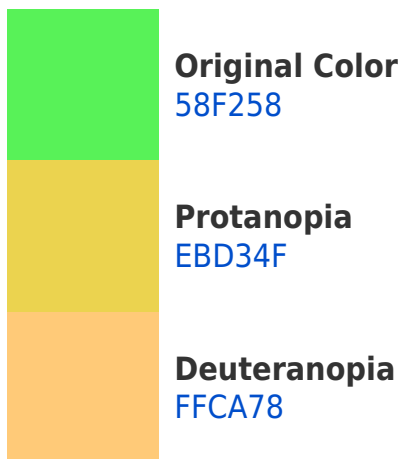


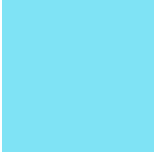
This preview shows how white text looks on a background with the Hex color 58F258.

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](#).

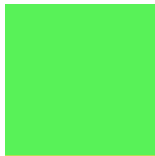
Dichromacy





Tritanopia
7FE3F5

Trichromacy



Original Color
58F258



Protanomaly
B6DE52



Deuteranomaly
C2D96C

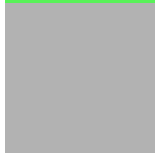


Tritanomaly
71E8BC

Monochromacy



Original Color
58F258



Achromatopsia
B2B2B2



Achromatomaly
91C991

CSS Examples

Text

The CSS property to change the color of the text to Hex 58F258 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 #58F258 looks like.

```
.text, #text, p{  
    color:#58F258  
}
```

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 #58F258 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58F258
}
```

Border

The CSS property to change the border of an element to Hex 58F258 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
#58F258 }
```

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

```
.border{ border-color:#58F258 }
```

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

Here you see how a box with a 4 pixel #58F258 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58F258; -webkit-box-shadow:4px 4px  
4px 4px #58F258; box-shadow:4px 4px 4px  
4px #58F258 }
```

Background

The CSS property to change the background color of an element to Hex 58F258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58F258 }
```

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

```
.background{ background-color:#58F258 }
```

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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