

Converting Colors

Hex(58E866)

Have a look what the booklet for
Hex(58E866) contains.

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Color

Hex(58E866)

Conversions

Conversions Part 1

Format	Color
Hex	58E866
RGB	88, 232, 102
RGB Percent	35%, 91%, 40%
CMY	0.6549, 0.0902, 0.6000
CMYK	0.62, 0.00, 0.56, 0.09
HSL	126°, 76%, 63%
HSV	126°, 62%, 91%
XYZ	35.2794, 60.7472, 22.4363
YIQ	174.1240, -44.0940, -70.9580

Conversions

Conversions Part 2

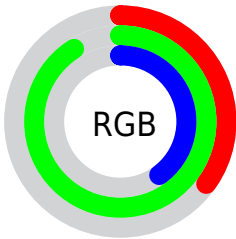
Format	Color
RYB	88, 219, 232
Decimal	5826662
CIELab	82.24, -64.13, 51.25
CIELCh	82, 82.092, 141.366
Yxy	60.7472, 0.2978, 0.5128
Android (android.graphics.Color)	4284016742 (0xFF58E866)
YUV	174.1240, -35.5571, -75.5307
Hunter-Lab	77.9405, -55.5988, 37.4908

Details

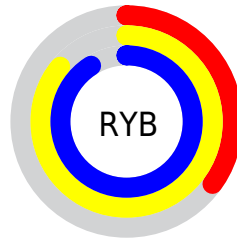
The Hex color **58E866** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E858DA**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **97FF9C**, and **00AF31** is the 20% darker color. If you saturate the color by 10%, you get **41E851**, and if you desaturate by 10%, it is **6FE87B**.

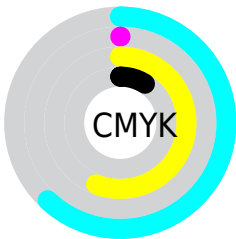
Distribution



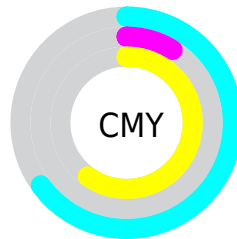
- Red (35%)
- Green (91%)
- Blue (40%)



- Red (35%)
- Yellow (86%)
- Blue (91%)



- Cyan (62%)
- Magenta (0%)
- Yellow (56%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E866 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 58E866 by changing the saturation by 10% instead.

 58E866

 58E866


FFFFFF

 33CB4C

 97FF9C

 00AF31

 B6FFB8

 009311

 D4FFD4

 007900

 F3FFF1

 005E00

 004500

 002E00

 000F00

 000000

 58E866

 58E866

 41E851

 6FE87B

 2AE83C

 86E890

 12E827

 9EE8A5

 00E817

 B5E8BA

 CCE8CF

 E3E8E4

 FAE8F9

 FFE8FF

Harmonies

Analogous

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



BED924



58E866



00EFB3

Triad

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



58E866



00DCFF



FF8599

Complementary

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



58E866



E858DA

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.



FF83E6



58E866



A1C2FF

Square

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



58E866



00EBFF



FF9FFF



FFA154

Rectangle

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



58E866



00F1E9



FF9FFF



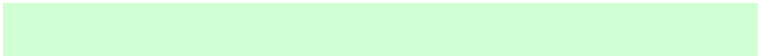
FF80B2

Sweetspot

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



58E866



CFFFD3



DCE858



628065



000000



808080

Same Dimension

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



58E866



42FF55



58E8AC



677368



00B311



003305

Inverse Universe

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



E858DA



FF42ED



E85894



736772



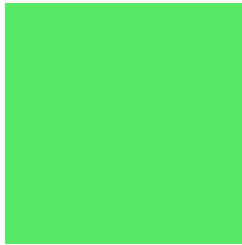
B300A1



33002E

Previews

White Background



This preview shows how the Hex color 58E866 looks on a white background.

Color Contrast Check

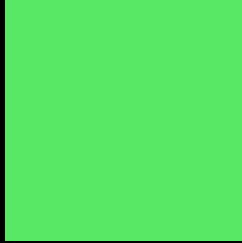
Large Text (above 18pt) WCAG AA × Fail

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 58E866 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 58E866 Background



This preview shows how black text looks on a background with the Hex color 58E866.

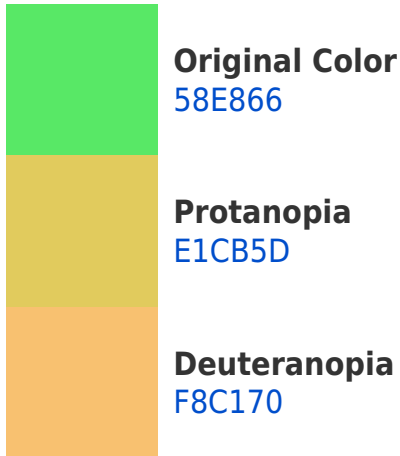


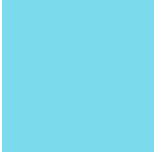
This preview shows how white text looks on a background with the Hex color 58E866.

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](#).

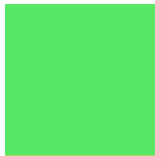
Dichromacy



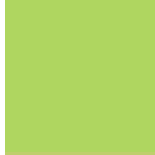


Tritanopia
7BDAEC

Trichromacy



Original Color
58E866



Protanomaly
AFD660



Deuteranomaly
BECF6C



Tritanomaly
6EDFBB

Monochromacy



Original Color
58E866



Achromatopsia
AEAEAE



Achromatomaly
8FC394

CSS Examples

Text

The CSS property to change the color of the text to Hex 58E866 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 #58E866 looks like.

```
.text, #text, p{  
    color:#58E866  
}
```

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 #58E866 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E866
}
```

Border

The CSS property to change the border of an element to Hex 58E866 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
#58E866 }
```

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

```
.border{ border-color:#58E866 }
```

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

Here you see how a box with a 4 pixel #58E866 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E866; -webkit-box-shadow:4px 4px  
4px 4px #58E866; box-shadow:4px 4px 4px  
4px #58E866 }
```

Background

The CSS property to change the background color of an element to Hex 58E866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E866 }
```

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

```
.background{ background-color:#58E866 }
```

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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