

Converting Colors

Hex(58E864)

Have a look what the booklet for
Hex(58E864) contains.

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Color

Hex(58E864)

Conversions

Conversions Part 1

Format	Color
Hex	58E864
RGB	88, 232, 100
RGB Percent	35%, 91%, 39%
CMY	0.6549, 0.0902, 0.6078
CMYK	0.62, 0.00, 0.57, 0.09
HSL	125°, 76%, 63%
HSV	125°, 62%, 91%
XYZ	35.1814, 60.7080, 21.9202
YIQ	173.8960, -43.4520, -71.5800

Conversions

Conversions Part 2

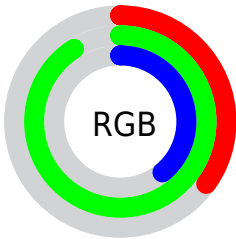
Format	Color
RYB	88, 221, 232
Decimal	5826660
CIELab	82.22, -64.37, 52.13
CIELCh	82, 82.830, 140.997
Yxy	60.7080, 0.2986, 0.5153
Android (android.graphics.Color)	4284016740 (0xFF58E864)
YUV	173.8960, -36.4307, -75.3308
Hunter-Lab	77.9154, -55.7532, 37.8605

Details

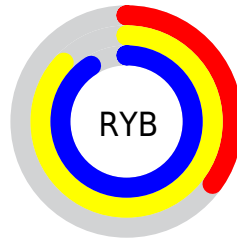
The Hex color **58E864** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **E858DC**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **97FF9A**, and **00AF2E** is the 20% darker color. If you saturate the color by 10%, you get **41E84F**, and if you desaturate by 10%, it is **6FE879**.

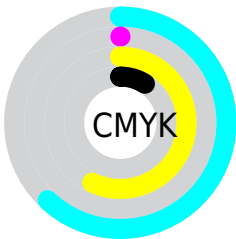
Distribution



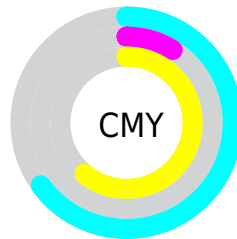
- Red (35%)
- Green (91%)
- Blue (39%)



- Red (35%)
- Yellow (87%)
- Blue (91%)



- Cyan (62%)
- Magenta (0%)
- Yellow (57%)
- Black (9%)



- Cyan (65%)
- Magenta (9%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E864 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 58E864 by changing the saturation by 10% instead.

 58E864

 58E864

FFFFFF

 33CB49

 97FF9A

 00AF2E

 B6FFB6

 00930D

 D4FFD2


 007900

 F3FFE0

 005E00

 004500

 002E00

 000F00

 000000

 58E864

 58E864

 41E84F

 6FE879

 2AE839

 86E88F

 12E824

 9EE8A4

 00E813

 B5E8B9

 CCE8CE

 E3E8E4

 FAE8F9

 FFE8FF

Harmonies

Analogous

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



BED920



58E864



00EFB2

Triad

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



58E864



00DCFF



FF849A

Complementary

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



58E864



E858DC

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.



FF82E7



58E864



9DC2FF

Square

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



58E864



00EBFF



FF9FFF



FFA054

Rectangle

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



58E864



00F1E8



FF9FFF



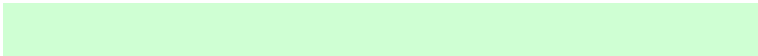
FF7FB3

Sweetspot

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



58E864



CFFFD3



DCE858



628065



000000



808080

Same Dimension

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



58E864



42FF52



58E8AC



677368



00B30F



003304

Inverse Universe

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



E858DC



FF42EF



E85894



736772



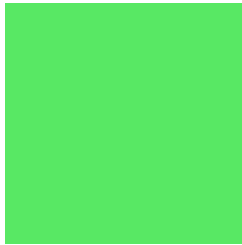
B300A4



33002F

Previews

White Background



This preview shows how the Hex color 58E864 looks on a white background.

Color Contrast Check

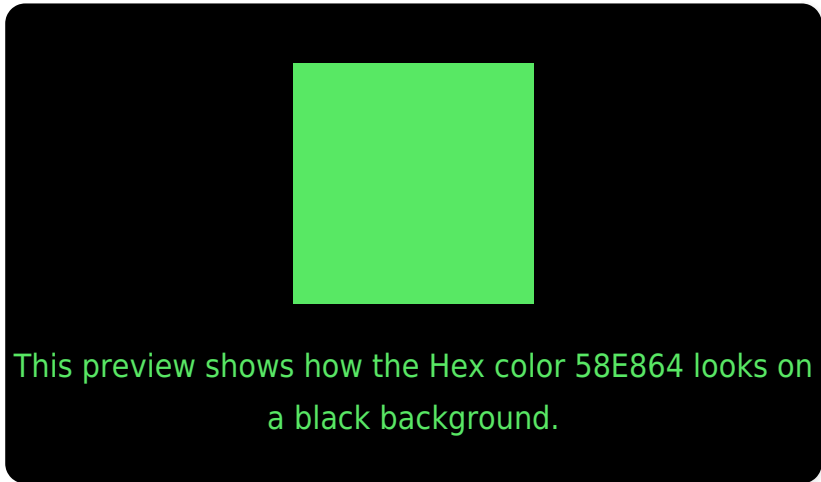
Large Text (above 18pt) WCAG AA × Fail

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

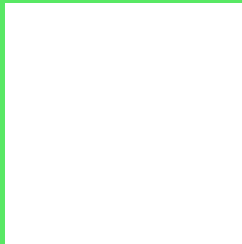
Any Text WCAG AAA ✓ Pass

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

Hex 58E864 Background



This preview shows how black text looks on a background with the Hex color 58E864.

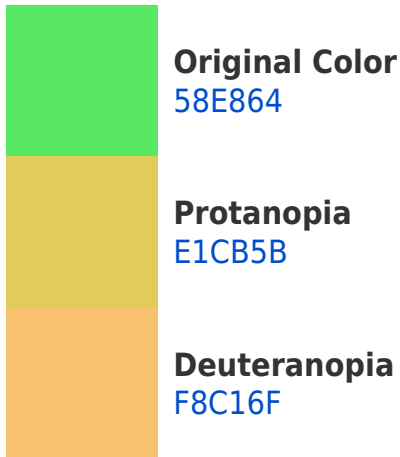


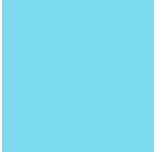
This preview shows how white text looks on a background with the Hex color 58E864.

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](#).

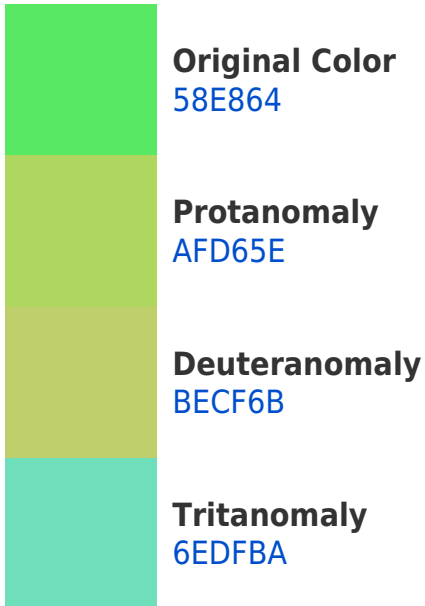
Dichromacy



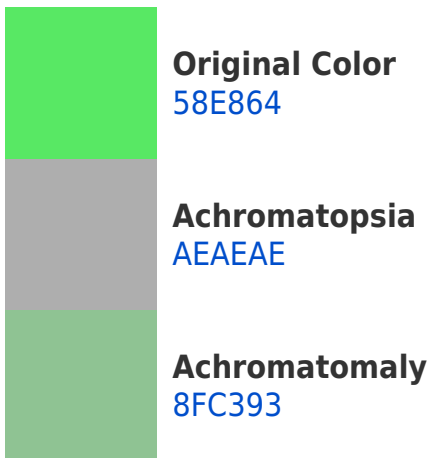


Tritanopia
7BDAEB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58E864 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 #58E864 looks like.

```
.text, #text, p{  
    color:#58E864  
}
```

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 #58E864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E864
}
```

Border

The CSS property to change the border of an element to Hex 58E864 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
#58E864 }
```

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

```
.border{ border-color:#58E864 }
```

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

Here you see how a box with a 4 pixel #58E864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E864; -webkit-box-shadow:4px 4px  
4px 4px #58E864; box-shadow:4px 4px 4px  
4px #58E864 }
```

Background

The CSS property to change the background color of an element to Hex 58E864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E864 }
```

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

```
.background{ background-color:#58E864 }
```

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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