

Converting Colors

Hex(58E445)

Have a look what the booklet for
Hex(58E445) contains.

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Color

Hex(58E445)

Conversions

Conversions Part 1

Format	Color
Hex	58E445
RGB	88, 228, 69
RGB Percent	35%, 89%, 27%
CMY	0.6549, 0.1059, 0.7294
CMYK	0.61, 0.00, 0.70, 0.11
HSL	113°, 75%, 58%
HSV	113°, 70%, 89%
XYZ	32.8421, 57.9912, 15.0927
YIQ	168.0140, -32.4010, -79.1290

Conversions

Conversions Part 2

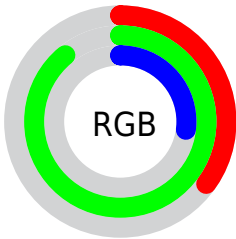
Format	Color
RYB	69, 228, 209
Decimal	5825605
CIELab	80.73, -66.10, 63.28
CIELCh	81, 91.502, 136.249
Yxy	57.9912, 0.3100, 0.5475
Android (android.graphics.Color)	4284015685 (0xFF58E445)
YUV	168.0140, -48.8139, -70.1723
Hunter-Lab	76.1519, -56.2841, 41.5556

Details

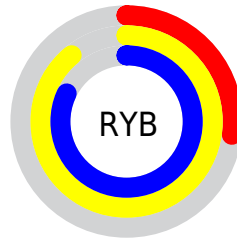
The Hex color **58E445** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **D145E4**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **98FF7D**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **44E42E**, and if you desaturate by 10%, it is **6CE45C**.

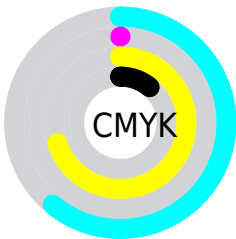
Distribution



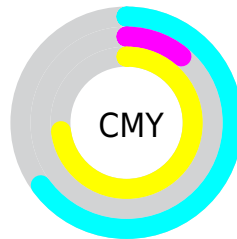
- Red (35%)
- Green (89%)
- Blue (27%)



- Red (27%)
- Yellow (89%)
- Blue (82%)



- Cyan (61%)
- Magenta (0%)
- Yellow (70%)
- Black (11%)



- Cyan (65%)
- Magenta (11%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 58E445 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 58E445 by changing the saturation by 10% instead.

 58E445

 58E445

FFFFFF

 32C726

 98FF7D

 00AB00

 B6FF99

 009000

 D5FFB5

 007500

 F4FFD2

 005B00

 FFFFF0

 004200

 002A00

 000500

 000000

 58E445

 58E445

 44E42E

 6CE45C

 30E417

 80E473

 1CE401

 94E489

 1BE400

 A8E4A0

 BCE4B7

 D0E4CE

 E5E4E5

 F9E4FB

 FFE4FF

Harmonies

Analogous

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



C4D300



58E445



00ED9D

Triad

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



58E445



00DEFF



FF6E9E

Complementary

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



58E445



D145E4

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.



FF73F4



58E445



63C2FF

Square

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



58E445



00EBFF



FF9BFF



FF904E

Rectangle

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



58E445



00EFD9



FF9BFF



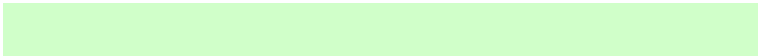
FF6ABA

Sweetspot

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



58E445



D0FFC9



E4CF45



638060



000000



808080

Same Dimension

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



58E445



42FF29



45E47F



697367



15B300



063300

Inverse Universe

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



D145E4



E529FF



E445AA



716773



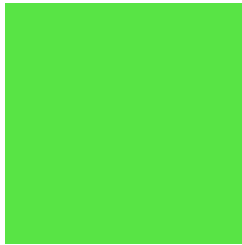
9D00B3



2D0033

Previews

White Background



This preview shows how the Hex color 58E445 looks on a white background.

Color Contrast Check

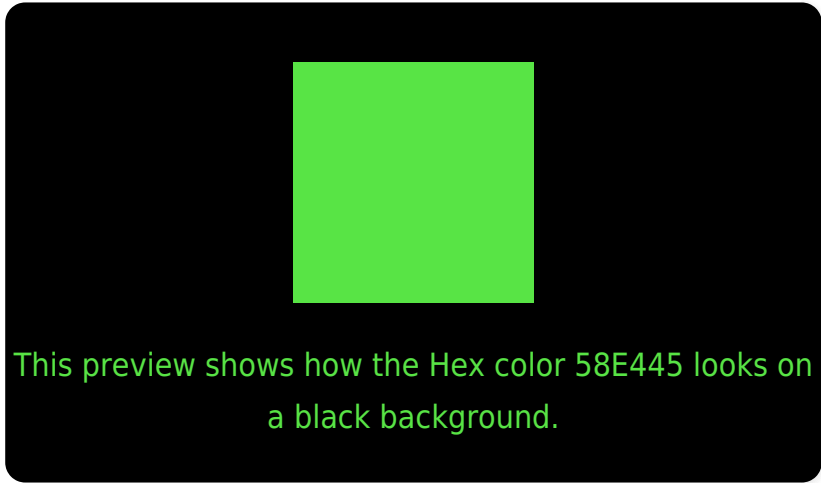
Large Text (above 18pt) WCAG AA × Fail

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

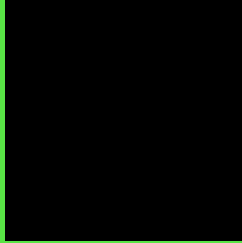
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

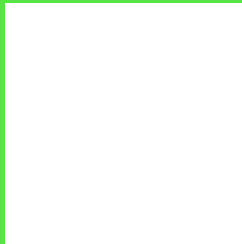
Any Text WCAG AAA ✓ Pass

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

Hex 58E445 Background



This preview shows how black text looks on a background with the Hex color 58E445.

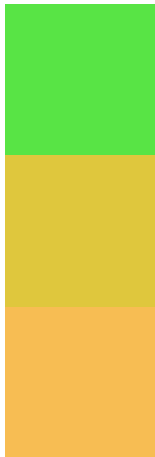


This preview shows how white text looks on a background with the Hex color 58E445.

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](#).

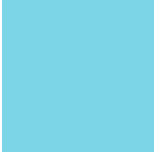
Dichromacy



Original Color
58E445

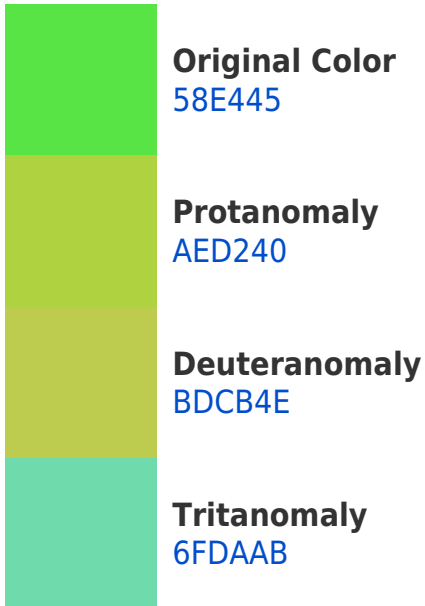
Protanopia
DFC73D

Deuteranopia
F7BD53

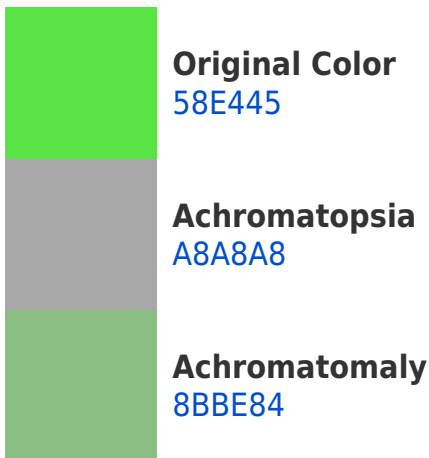


Tritanopia
7CD5E6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 58E445 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 #58E445 looks like.

```
.text, #text, p{  
    color:#58E445  
}
```

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 #58E445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58E445
}
```

Border

The CSS property to change the border of an element to Hex 58E445 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
#58E445 }
```

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

```
.border{ border-color:#58E445 }
```

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

Here you see how a box with a 4 pixel #58E445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58E445; -webkit-box-shadow:4px 4px  
4px 4px #58E445; box-shadow:4px 4px 4px  
4px #58E445 }
```

Background

The CSS property to change the background color of an element to Hex 58E445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58E445 }
```

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

```
.background{ background-color:#58E445 }
```

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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