

Converting Colors

Hex(52EA69)

Have a look what the booklet for
Hex(52EA69) contains.

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Color

Hex(52EA69)

Conversions

Conversions Part 1

Format	Color
Hex	52EA69
RGB	82, 234, 105
RGB Percent	32%, 92%, 41%
CMY	0.6784, 0.0824, 0.5882
CMYK	0.65, 0.00, 0.55, 0.08
HSL	129°, 78%, 62%
HSV	129°, 65%, 92%
XYZ	35.4523, 61.6594, 23.3975
YIQ	173.8460, -49.1830, -72.3430

Conversions

Conversions Part 2

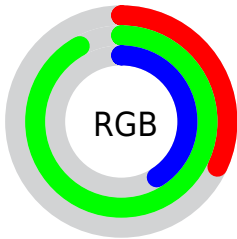
Format	Color
RYB	82, 214, 234
Decimal	5433961
CIELab	82.73, -65.65, 50.43
CIELCh	83, 82.785, 142.467
Yxy	61.6594, 0.2942, 0.5117
Android (android.graphics.Color)	4283624041 (0xFF52EA69)
YUV	173.8460, -33.9411, -80.5489
Hunter-Lab	78.5235, -56.8258, 37.2999

Details

The Hex color **52EA69** 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 **EA52D3**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **93FF9F**, and **00B134** is the 20% darker color. If you saturate the color by 10%, you get **3BEA55**, and if you desaturate by 10%, it is **69EA7D**.

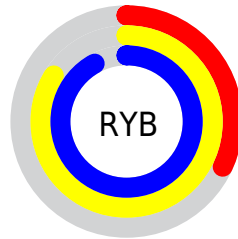
Distribution



Red (32%)

Green (92%)

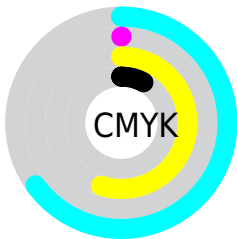
Blue (41%)



Red (32%)

Yellow (84%)

Blue (92%)

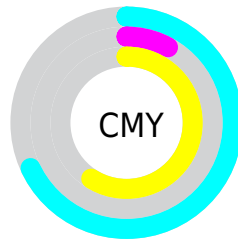


Cyan (65%)

Magenta (0%)

Yellow (55%)

Black (8%)



Cyan (68%)

Magenta (8%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 52EA69 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 52EA69 by changing the saturation by 10% instead.

 52EA69

FFFFFF

 93FF9F

 B1FFBB

 D0FFD7

 EFFFF4

 52EA69

 29CD4F

 00B134

 009516

 007A00

 006000

 004700

 002F00

 001100

 000000

 52EA69

 52EA69

 3BEA55

 69EA7D

 23EA41

 81EA91

 0CEA2D

 98EAA5

 00EA23

 B0EAB8

 C7EACC

 DEEAE0

 F6EAF4

 FFEAFF

Harmonies

Analogous

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



BCDB25



52EA69



00F1B7

Triad

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



52EA69



00DDFF



FF8697

Complementary

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



52EA69



EA52D3

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.



FF83E5



52EA69



A7C2FF

Square

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



52EA69



00ECFF



FF9EFF



FFA352

Rectangle

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



52EA69



00F3ED



FF9EFF



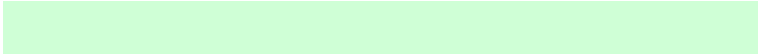
FF81B1

Sweetspot

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



52EA69



CFFFD6



D3EA52



628067



000000



808080

Same Dimension

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



52EA69



38FF56



52EAB5



6A756B



00B51B



003608

Inverse Universe

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



EA52D3



FF38E1



EA5287



756A74



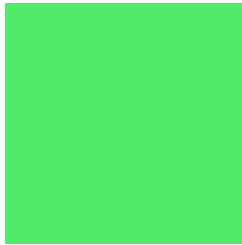
B5009A



36002D

Previews

White Background



This preview shows how the Hex color 52EA69 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 52EA69 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

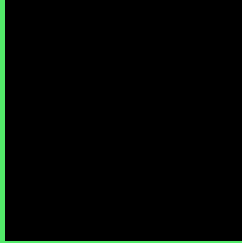
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

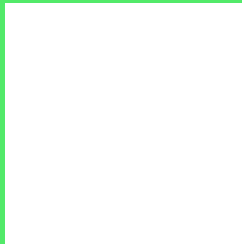
Any Text WCAG AAA ✓ Pass

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

Hex 52EA69 Background



This preview shows how black text looks on a background with the Hex color 52EA69.

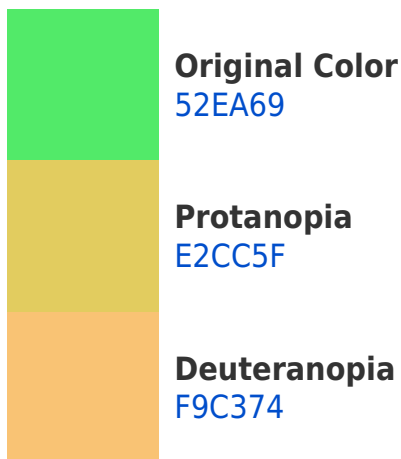


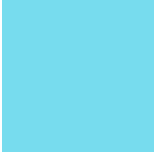
This preview shows how white text looks on a background with the Hex color 52EA69.

Color Blindness Simulation

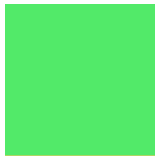
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

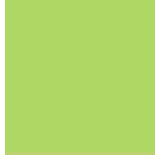




Trichromacy



Original Color
52EA69



Protanomaly
AED763



Deuteranomaly
BCD170



Tritanomaly
6AE1BE

Monochromacy



Original Color
52EA69



Achromatopsia
AEAEAE



Achromatomaly
8DC495

CSS Examples

Text

The CSS property to change the color of the text to Hex 52EA69 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 #52EA69 looks like.

```
.text, #text, p{  
    color:#52EA69  
}
```

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 #52EA69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #52EA69
}
```

Border

The CSS property to change the border of an element to Hex 52EA69 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
#52EA69 }
```

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

```
.border{ border-color:#52EA69 }
```

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

Here you see how a box with a 4 pixel #52EA69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #52EA69; -webkit-box-shadow:4px 4px  
4px 4px #52EA69; box-shadow:4px 4px 4px  
4px #52EA69 }
```

Background

The CSS property to change the background color of an element to Hex 52EA69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#52EA69 }
```

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

```
.background{ background-color:#52EA69 }
```

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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