

Converting Colors

Hex(54EC69)

Have a look what the booklet for
Hex(54EC69) contains.

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Color

Hex(54EC69)

Conversions

Conversions Part 1

Format	Color
Hex	54EC69
RGB	84, 236, 105
RGB Percent	33%, 93%, 41%
CMY	0.6706, 0.0745, 0.5882
CMYK	0.64, 0.00, 0.56, 0.07
HSL	128°, 80%, 63%
HSV	128°, 64%, 93%
XYZ	36.2014, 62.8956, 23.5967
YIQ	175.6180, -48.5410, -72.9650

Conversions

Conversions Part 2

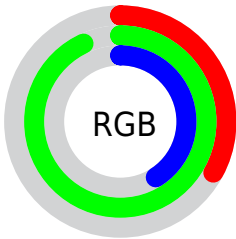
Format	Color
RYB	84, 218, 236
Decimal	5565545
CIELab	83.39, -65.96, 51.23
CIELCh	83, 83.513, 142.166
Yxy	62.8956, 0.2951, 0.5126
Android (android.graphics.Color)	4283755625 (0xFF54EC69)
YUV	175.6180, -34.8147, -80.3490
Hunter-Lab	79.3068, -57.3064, 37.8738

Details

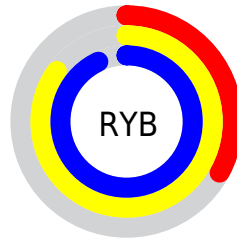
The Hex color **54EC69** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **EC54D7**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **95FF9F**, and **00B334** is the 20% darker color. If you saturate the color by 10%, you get **3CEC55**, and if you desaturate by 10%, it is **6CEC7D**.

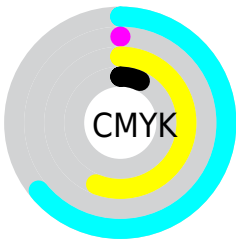
Distribution



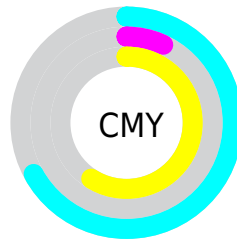
- Red (33%)
- Green (93%)
- Blue (41%)



- Red (33%)
- Yellow (85%)
- Blue (93%)



- Cyan (64%)
- Magenta (0%)
- Yellow (56%)
- Black (7%)



- Cyan (67%)
- Magenta (7%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 54EC69 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 54EC69 by changing the saturation by 10% instead.

 54EC69

 54EC69


FFFFFF

 2CCF4E

 95FF9F

 00B334

 B3FFBB

 009716

 D2FFD8

 007C00

 F1FFF5

 006200

 004800

 003100

 001400

 000000

 54EC69

 54EC69

 3CEC55

 6CEC7D

 25EC40

 83EC92

 0DEC2C

 9BECA6

 00EC21

 B2ECBA

 CAECCF

 E2ECE3

 F9ECF7

 FFECFF

Harmonies

Analogous

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



BEDD24



54EC69



00F3B8

Triad

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



54EC69



00DFFF



FF8799

Complementary

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



54EC69



EC54D7

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.



FF84E8



54EC69



A7C4FF

Square

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



54EC69



00EFFF



FFA0FF



FFA453

Rectangle

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



54EC69



00F5EF



FFA0FF



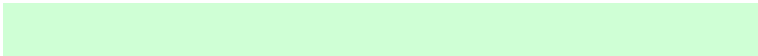
FF82B3

Sweetspot

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



54EC69



CFFFD5



D8EC54



628066



000000



808080

Same Dimension

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



54EC69



3BFF56



54ECB4



6A756B



00B519



003607

Inverse Universe

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



EC54D7



FF3BE4



EC548C



756A74



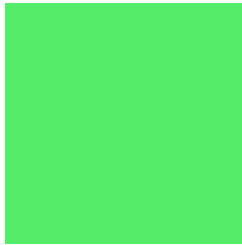
B5009C



36002E

Previews

White Background



This preview shows how the Hex color 54EC69 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 54EC69 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

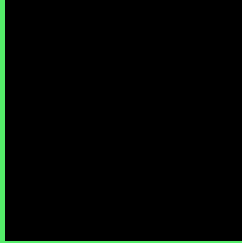
Any Text WCAG AA ✓ Pass

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 54EC69 Background



This preview shows how black text looks on a background with the Hex color 54EC69.

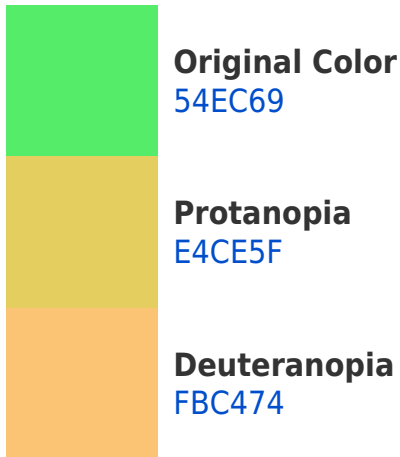


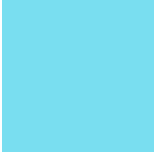
This preview shows how white text looks on a background with the Hex color 54EC69.

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



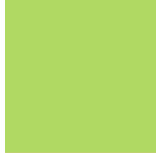


Tritanopia
79DEF0

Trichromacy



Original Color
54EC69



Protanomaly
B0D963



Deuteranomaly
BED370



Tritanomaly
6CE3BF

Monochromacy



Original Color
54EC69



Achromatopsia
B0B0B0



Achromatomaly
8FC696

CSS Examples

Text

The CSS property to change the color of the text to Hex 54EC69 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 #54EC69 looks like.

```
.text, #text, p{  
    color:#54EC69  
}
```

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 #54EC69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #54EC69
}
```

Border

The CSS property to change the border of an element to Hex 54EC69 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
#54EC69 }
```

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

```
.border{ border-color:#54EC69 }
```

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

Here you see how a box with a 4 pixel #54EC69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #54EC69; -webkit-box-shadow:4px 4px  
4px 4px #54EC69; box-shadow:4px 4px 4px  
4px #54EC69 }
```

Background

The CSS property to change the background color of an element to Hex 54EC69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#54EC69 }
```

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

```
.background{ background-color:#54EC69 }
```

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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