

Converting Colors

Hex(56EB56)

Have a look what the booklet for
Hex(56EB56) contains.

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Color

Hex(56EB56)

Conversions

Conversions Part 1

Format	Color
Hex	56EB56
RGB	86, 235, 86
RGB Percent	34%, 92%, 34%
CMY	0.6627, 0.0784, 0.6627
CMYK	0.63, 0.00, 0.63, 0.08
HSL	120°, 79%, 63%
HSV	120°, 63%, 92%
XYZ	35.2258, 62.0670, 18.9276
YIQ	173.4630, -40.9750, -77.9270

Conversions

Conversions Part 2

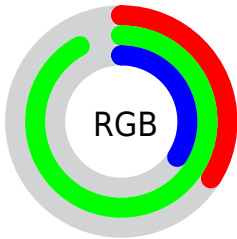
Format	Color
RYB	86, 235, 235
Decimal	5696342
CIELab	82.95, -67.35, 58.98
CIELCh	83, 89.528, 138.791
Yxy	62.0670, 0.3031, 0.5340
Android (android.graphics.Color)	4283886422 (0xFF56EB56)
YUV	173.4630, -43.1193, -76.7051
Hunter-Lab	78.7826, -58.0575, 40.9033

Details

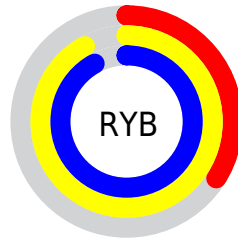
The Hex color **56EB56** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted green. A complement of this color would be **EB56EB**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **97FF8D**, and **00B21A** is the 20% darker color. If you saturate the color by 10%, you get **3FEB3F**, and if you desaturate by 10%, it is **6EEB6E**.

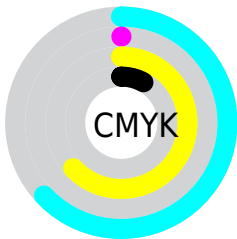
Distribution



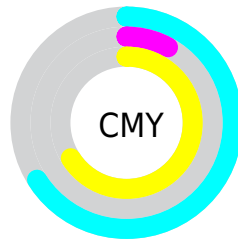
- Red (34%)
- Green (92%)
- Blue (34%)



- Red (34%)
- Yellow (92%)
- Blue (92%)



- Cyan (63%)
- Magenta (0%)
- Yellow (63%)
- Black (8%)



- Cyan (66%)
- Magenta (8%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 56EB56 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 56EB56 by changing the saturation by 10% instead.

 56EB56

FFFFFF

 97FF8D

 B5FFA9

 D4FFC5

 F3FFE2

 56EB56

 2ECE3A

 00B21A

 009600

 007B00

 006100

 004700

 003000

 001200

 000000

 56EB56

 56EB56

 3FEB3F

 6EEB6E

 27EB27

 85EB85

 10EB10

 9DEB9D

 00EB00

 B4EBB4

 CCEBCC

 E3EBE3

 FBEBFB

 FFEBFF

Harmonies

Analogous

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



C4DA00



56EB56



00F3AB

Triad

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



56EB56



00E2FF



FF7A9E

Complementary

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



56EB56



EB56EB

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.



FF7BF2



56EB56



87C6FF

Square

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



56EB56



00F0FF



FF9FFF



FF9B50

Rectangle

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



56EB56



00F5E6



FF9FFF



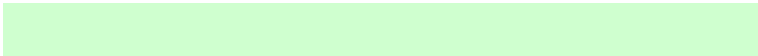
FF76B9

Sweetspot

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



56EB56



CFFFCF



EBEB56



628062



000000



808080

Same Dimension

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



56EB56



3DFF3D



56EBA1



6A756A



00B500



003600

Inverse Universe

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



EB56EB



FF3DFF



EB56A1



756A75



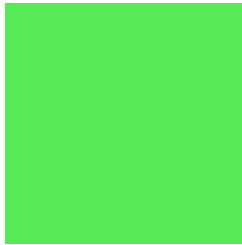
B500B5



360036

Previews

White Background



This preview shows how the Hex color 56EB56 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 56EB56 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

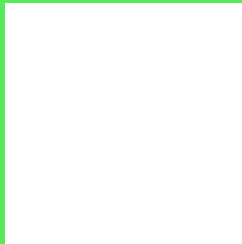
Any Text WCAG AAA ✓ Pass

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

Hex 56EB56 Background



This preview shows how black text looks on a background with the Hex color 56EB56.

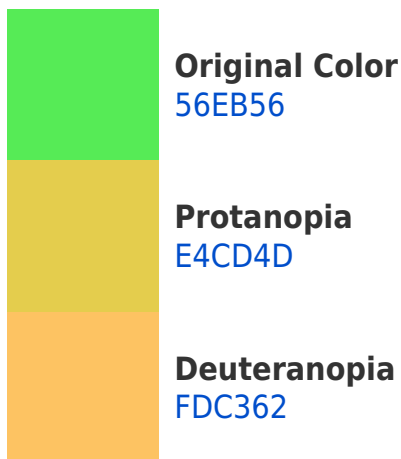


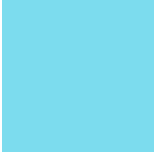
This preview shows how white text looks on a background with the Hex color 56EB56.

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
7CDCEE

Trichromacy



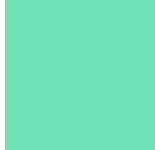
Original Color
56EB56



Protanomaly
B0D850



Deuteranomaly
C0D25E

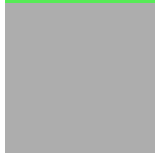


Tritanomaly
6EE1B7

Monochromacy



Original Color
56EB56



Achromatopsia
ADADAD



Achromatomaly
8DC48D

CSS Examples

Text

The CSS property to change the color of the text to Hex 56EB56 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 #56EB56 looks like.

```
.text, #text, p{  
    color:#56EB56  
}
```

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 #56EB56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #56EB56
}
```

Border

The CSS property to change the border of an element to Hex 56EB56 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
#56EB56 }
```

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

```
.border{ border-color:#56EB56 }
```

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

Here you see how a box with a 4 pixel #56EB56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #56EB56; -webkit-box-shadow:4px 4px  
4px 4px #56EB56; box-shadow:4px 4px 4px  
4px #56EB56 }
```

Background

The CSS property to change the background color of an element to Hex 56EB56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#56EB56 }
```

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

```
.background{ background-color:#56EB56 }
```

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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