

# Converting Colors

Hex(53EC60)

Have a look what the booklet for  
Hex(53EC60) contains.

|  |    |
|--|----|
| <b>Hex(53EC60)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

Hex(53EC60)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 53EC60                       |
| RGB         | 83, 236, 96                  |
| RGB Percent | 33%, 93%, 38%                |
| CMY         | 0.6745, 0.0745, 0.6235       |
| CMYK        | 0.65, 0.00, 0.59, 0.07       |
| HSL         | 125°, 80%, 63%               |
| HSV         | 125°, 65%, 93%               |
| XYZ         | 35.6741, 62.6744, 21.2835    |
| YIQ         | 174.2930, -46.2480, -75.9760 |

# Conversions

## Conversions Part 2

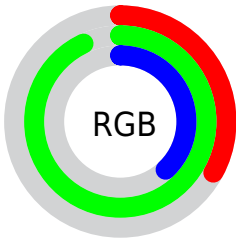
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 83, 224, 236                    |
| Decimal                             | 5500000                         |
| CIELab                              | 83.27, -67.22, 55.09            |
| CIElCh                              | 83, 86.910, 140.667             |
| Yxy                                 | 62.6744, 0.2982,<br>0.5239      |
| Android<br>(android.graphics.Color) | 4283690080<br>(0xFF53EC60)      |
| YUV                                 | 174.2930, -38.5984,<br>-80.0640 |
| Hunter-Lab                          | 79.1672, -58.1075,<br>39.4774   |

# Details

The Hex color **53EC60** 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 **EC53DF**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **94FF96**, and **00B329** is the 20% darker color. If you saturate the color by 10%, you get **3BEC4A**, and if you desaturate by 10%, it is **6BEC76**.

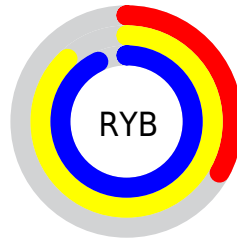
# Distribution



Red (33%)

Green (93%)

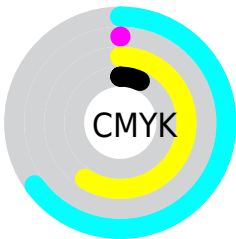
Blue (38%)



Red (33%)

Yellow (88%)

Blue (93%)

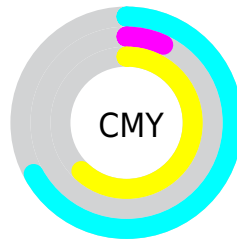


Cyan (65%)

Magenta (0%)

Yellow (59%)

Black (7%)



Cyan (67%)

Magenta (7%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 53EC60 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 53EC60 by changing the saturation by 10% instead.



 53EC60

 53EC60


FFFFFF

 2ACF45

 94FF96

 00B329

 B3FFB2

 009700

 D2FFCF

 007C00

 F1FFEC

 006200

 004800

 003100

 001400

 000000

 53EC60

 53EC60

 3BEC4A

 6BEC76

 24EC35

 82EC8B

 0CEC1F

 9AECA1

 00EC14

 B1ECB6

 C9ECCC

 E1ECE2

 F8ECF7

 FFECFF

# Harmonies

## Analogous

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



C1DC0A



53EC60



00F4B2

# Triad

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



53EC60



00E1FF



FF819B

# Complementary

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



53EC60



EC53DF

# 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.



FF7FED



53EC60



99C5FF

# Square

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



53EC60



00F0FF



FF9FFF



FFA051

# Rectangle

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



53EC60



00F5EB



FF9FFF



FF7CB6

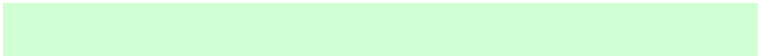


# Sweetspot

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



53EC60



CFFFD3



DFEC53



628065



000000



808080



# Same Dimension

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



53EC60



38FF49



53ECAC



6A756B



00B50F



003605



# Inverse Universe

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



EC53DF



FF38EE



EC5393



756A74



B500A6

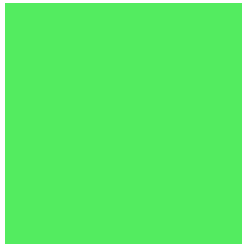


360031



# Previews

## White Background



This preview shows how the Hex color 53EC60 looks on a white background.

## Color Contrast Check

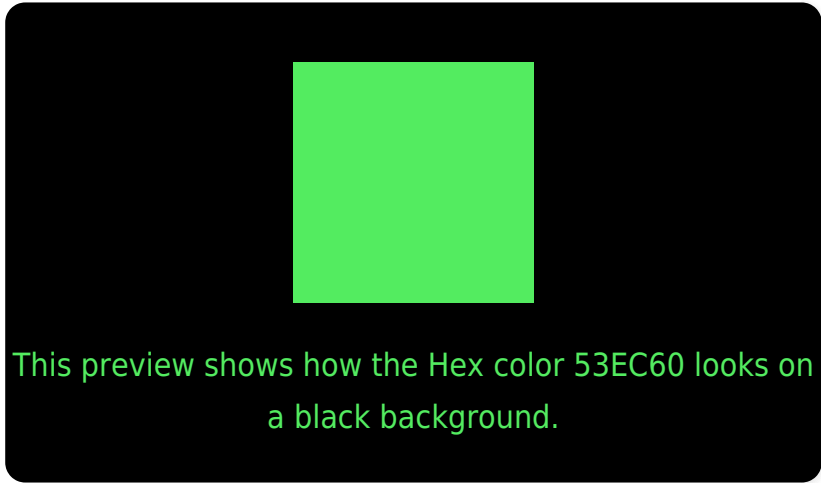
Large Text (above 18pt) WCAG AA × Fail

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 53EC60 Background



This preview shows how black text looks on a background with the Hex color 53EC60.

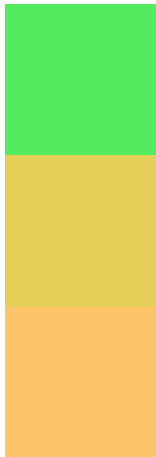


This preview shows how white text looks on a background with the Hex color 53EC60.

# 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](#).

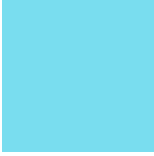
## Dichromacy



**Original Color**  
53EC60

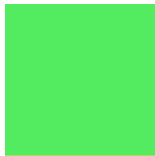
**Protanopia**  
E5CE57

**Deuteranopia**  
FCC46B



**Tritanopia**  
79DDEF

# Trichromacy



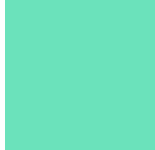
**Original Color**  
53EC60



**Protanomaly**  
B0D95A



**Deuteranomaly**  
BFD367



**Tritanomaly**  
6BE2BB

# Monochromacy



**Original Color**  
53EC60



**Achromatopsia**  
AEAEAE



**Achromatomaly**  
8DC592

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 53EC60 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 #53EC60 looks like.

```
.text, #text, p{  
    color:#53EC60  
}
```

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 #53EC60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53EC60
}
```

## Border

The CSS property to change the border of an element to Hex 53EC60 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
#53EC60 }
```

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

```
.border{ border-color:#53EC60 }
```

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

Here you see how a box with a 4 pixel #53EC60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53EC60; -webkit-box-shadow:4px 4px  
4px 4px #53EC60; box-shadow:4px 4px 4px  
4px #53EC60 }
```

# Background

The CSS property to change the background color of an element to Hex 53EC60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53EC60 }
```

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

```
.background{ background-color:#53EC60 }
```

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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