

# Converting Colors

Hex(5EE604)

Have a look what the booklet for  
Hex(5EE604) contains.

<b>Hex(5EE604)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(5EE604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5EE604
RGB	94, 230, 4
RGB Percent	37%, 90%, 2%
CMY	0.6314, 0.0980, 0.9843
CMYK	0.59, 0.00, 0.98, 0.10
HSL	96°, 97%, 46%
HSV	96°, 98%, 90%
XYZ	32.9348, 58.9821, 9.7637
YIQ	163.5720, -8.5100, -99.1180

# Conversions

## Conversions Part 2

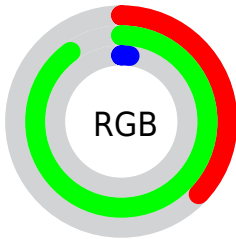
<b>Format</b>	<b>Color</b>
<b>RYB</b>	4, 230, 140
Decimal	6219268
CIELab	81.28, -68.13, 78.21
CIELCh	81, 103.720, 131.059
Yxy	58.9821, 0.3239, 0.5801
Android (android.graphics.Color)	4284409348 (0xFF5EE604)
YUV	163.5720, -78.6690, -61.0146
Hunter-Lab	76.7998, -57.8517, 46.2222

# Details

The Hex color **5EE604** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **8C04E6**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **9EFF59**, and **00AD00** is the 20% darker color. If you saturate the color by 10%, you get **5CE600**, and if you desaturate by 10%, it is **6CE61B**.

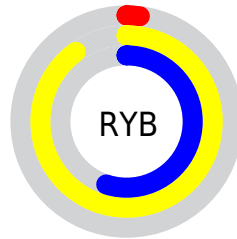
# Distribution



Red (37%)

Green (90%)

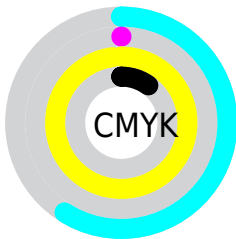
Blue (2%)



Red (2%)

Yellow (90%)

Blue (55%)

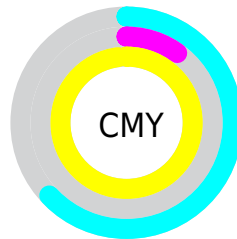


Cyan (59%)

Magenta (0%)

Yellow (98%)

Black (10%)



Cyan (63%)

Magenta (10%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5EE604 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 5EE604 by changing the saturation by 10% instead.



 5EE604

 5EE604


FFFFFF

 38C900

 9EFF59

 00AD00

 BDFF77

 009200

 DCFF94

 007700

 FCFFB1

 005D00

 FFFFCF

 004300

 FFFFEC

 002B00

 000900

 000000

■ 5EE604

■ 5EE604

■ 5CE600

■ 6CE61B

■ 7AE632

■ 88E649

■ 95E660

■ A3E677

■ B1E68E

■ BFE6A5

■ CDE6BC

■ DBE6D3

# Harmonies

## Analogous

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



D2D100



5EE604



00F186

# Triad

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



5EE604



00E6FF



FF51AA

# Complementary

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



5EE604



8C04E6

# 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.



FF66FF



5EE604



00CAFF

# Square

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



5EE604



00F2FF



F89DFF



FF7D4D

# Rectangle

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



5EE604



00F4CB



F89DFF



FF4FCB

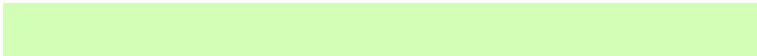


# Sweetspot

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



5EE604



D2FFB5



E68C04



658053



000000



808080



# Same Dimension

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



5EE604



66FF00



04E61B



6C7367



47B300



143300



# Inverse Universe

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



8C04E6



9900FF



E604CF



6E6773



6B00B3

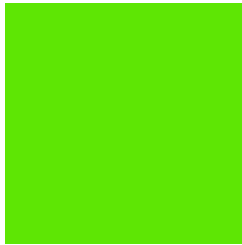


1F0033



# Previews

## White Background



This preview shows how the Hex color 5EE604 looks on a white background.

## Color Contrast Check

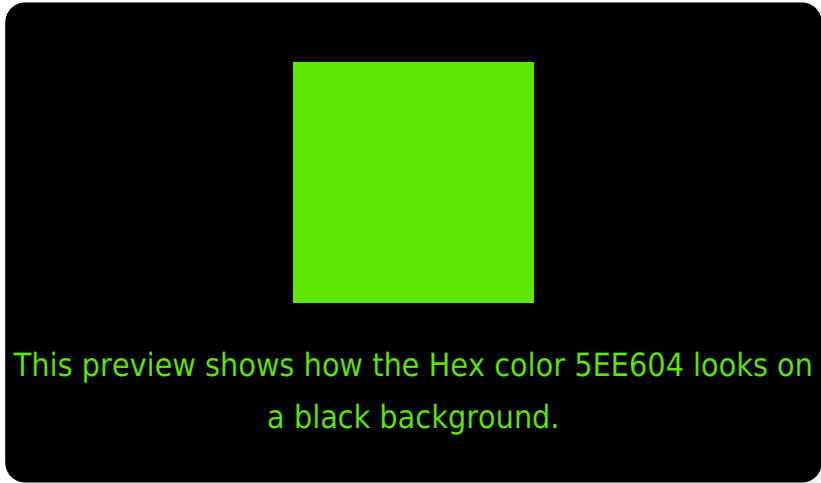
Large Text (above 18pt) WCAG AA × Fail

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

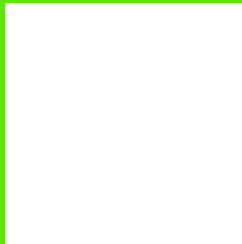
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5EE604 Background



This preview shows how black text looks on a background with the Hex color 5EE604.

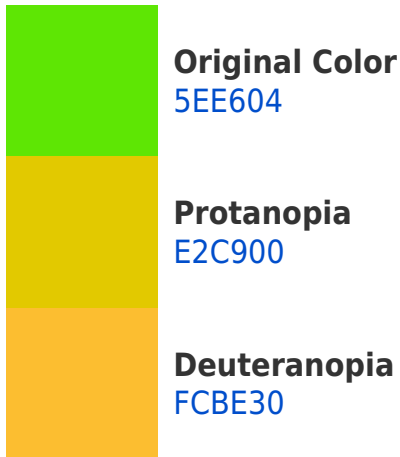


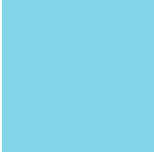
This preview shows how white text looks on a background with the Hex color 5EE604.

# 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](#).

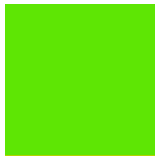
## Dichromacy





**Tritanopia**  
83D6E7

# Trichromacy



**Original Color**  
5EE604



**Protanomaly**  
B2D401



**Deuteranomaly**  
C3CD20



**Tritanomaly**  
76DC94

# Monochromacy



**Original Color**  
5EE604



**Achromatopsia**  
A4A4A4



**Achromatomaly**  
8BBC6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5EE604 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 #5EE604 looks like.

```
.text, #text, p{  
    color:#5EE604  
}
```

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 #5EE604 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5EE604
}
```

## Border

The CSS property to change the border of an element to Hex 5EE604 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
#5EE604 }
```

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

```
.border{ border-color:#5EE604 }
```

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

Here you see how a box with a 4 pixel #5EE604 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5EE604; -webkit-box-shadow:4px 4px  
4px 4px #5EE604; box-shadow:4px 4px 4px  
4px #5EE604 }
```

# Background

The CSS property to change the background color of an element to Hex 5EE604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5EE604 }
```

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

```
.background{ background-color:#5EE604 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor