

Converting Colors

Hex(65FF5E)

Have a look what the booklet for
Hex(65FF5E) contains.

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Color

Hex(65FF5E)

Conversions

Conversions Part 1

Format	Color
Hex	65FF5E
RGB	101, 255, 94
RGB Percent	40%, 100%, 37%
CMY	0.6039, 0.0000, 0.6314
CMYK	0.60, 0.00, 0.63, 0.00
HSL	117°, 100%, 68%
HSV	117°, 63%, 100%
XYZ	43.1472, 75.0949, 22.8103
YIQ	190.6000, -40.1030, -82.7190

Conversions

Conversions Part 2

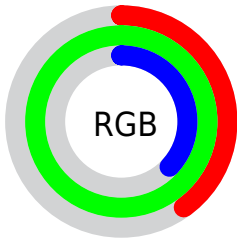
Format	Color
R_{YB}	94, 255, 248
Decimal	6684510
CIE _{Lab}	89.44, -70.20, 63.01
CIE _{LCh}	89, 94.326, 138.090
Yxy	75.0949, 0.3059, 0.5324
Android (android.graphics.Color)	4284874590 (0xFF65FF5E)
YUV	190.6000, -47.6238, -78.5792
Hunter-Lab	86.6573, -62.7740, 45.0535

Details

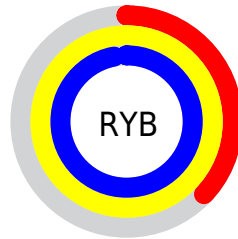
The Hex color **65FF5E** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **F85EFF**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A5FF96**, and **00C522** is the 20% darker color. If you saturate the color by 10%, you get **4DFF45**, and if you desaturate by 10%, it is **7DFF78**.

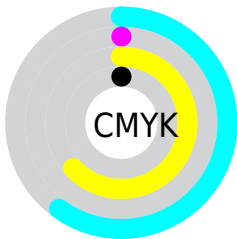
Distribution



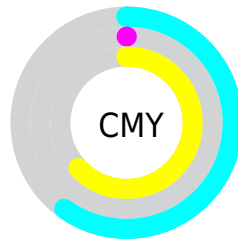
- Red (40%)
- Green (100%)
- Blue (37%)



- Red (37%)
- Yellow (100%)
- Blue (97%)



- Cyan (60%)
- Magenta (0%)
- Yellow (63%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 65FF5E 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 65FF5E by changing the saturation by 10% instead.

 65FF5E

 65FF5E

FFFFFF

 40E242

 A5FF96

 00C522

 C4FFB2

 00A900

 E4FFCF

 008D00

 FFFFEC

 007200

 005800

 003F00

 002600

 000000

■ 65FF5E

■ 65FF5E

■ 4DFF45

■ 7DFF78

■ 34FF2B

■ 96FF91

■ 1CFF12

■ AEFFAB

■ 0BFF00

■ C7FFC4

■ DFFFDE

■ F7FFF7

FFFFFF

Harmonies

Analogous

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



D8ED00



65FF5E



00FFB8

Triad

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



65FF5E



00F6FF



FF87AE

Complementary

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



65FF5E



F85EFF

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.



FF89FF



65FF5E



90D8FF

Square

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



65FF5E



00FFFF



FFAFFF



FFA95B

Rectangle

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



65FF5E



00FFF8



FFAFFF



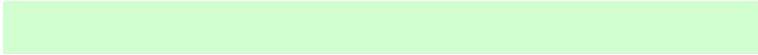
FF82CC

Sweetspot

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



65FF5E



D1FFCF



FFF75E



638062



000000



808080

Same Dimension

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



65FF5E



46FF3D



5EFFA6



738073



08BF00



034000

Inverse Universe

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



F85EFF



F73DFF



FF5EB7



7F7380



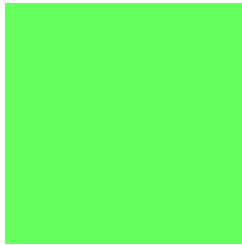
B700BF



3D0040

Previews

White Background



This preview shows how the Hex color 65FF5E looks on a white background.

Color Contrast Check

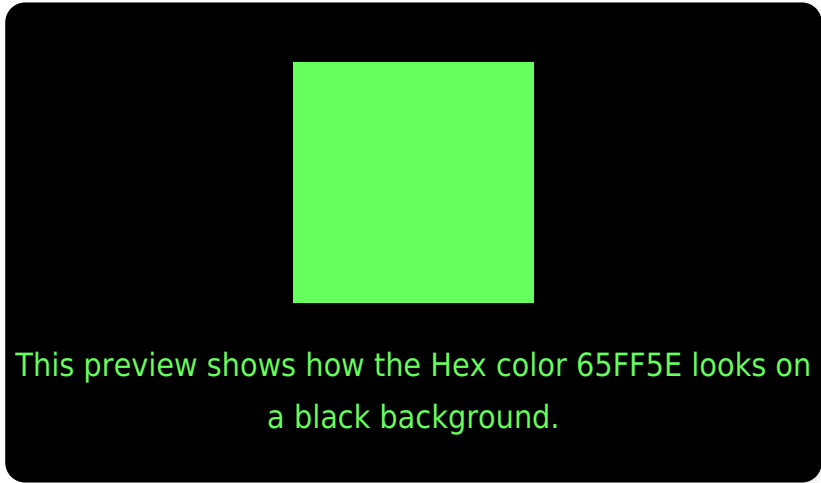
Large Text (above 18pt) WCAG AA × Fail

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 65FF5E Background



This preview shows how black text looks on a background with the Hex color 65FF5E.

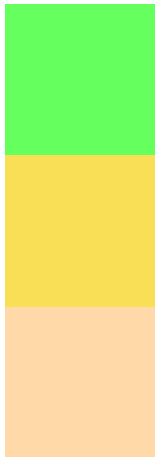


This preview shows how white text looks on a background with the Hex color 65FF5E.

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](#).

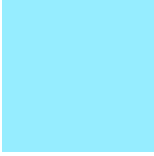
Dichromacy



Original Color
65FF5E

Protanopia
F9DF55

Deuteranopia
FFD9A7



Tritanopia
96EDFF

Trichromacy



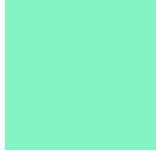
Original Color
65FF5E



Protanomaly
C3EB58

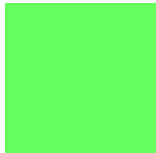


Deuteranomaly
C7E78C

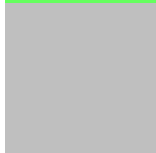


Tritanomaly
84F4C4

Monochromacy



Original Color
65FF5E



Achromatopsia
BFBFBF



Achromatomaly
9ED69C

CSS Examples

Text

The CSS property to change the color of the text to Hex 65FF5E 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 #65FF5E looks like.

```
.text, #text, p{  
    color:#65FF5E  
}
```

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 #65FF5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FF5E
}
```

Border

The CSS property to change the border of an element to Hex 65FF5E 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
#65FF5E }
```

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

```
.border{ border-color:#65FF5E }
```

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

Here you see how a box with a 4 pixel #65FF5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FF5E; -webkit-box-shadow:4px 4px  
4px 4px #65FF5E; box-shadow:4px 4px 4px  
4px #65FF5E }
```

Background

The CSS property to change the background color of an element to Hex 65FF5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FF5E }
```

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

```
.background{ background-color:#65FF5E }
```

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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