

# Converting Colors

Hex(65FF65)

Have a look what the booklet for  
Hex(65FF65) contains.

<b>Hex(65FF65)</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(65FF65)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65FF65
RGB	101, 255, 101
RGB Percent	40%, 100%, 40%
CMY	0.6039, 0.0000, 0.6039
CMYK	0.60, 0.00, 0.60, 0.00
HSL	120°, 100%, 70%
HSV	120°, 60%, 100%
XYZ	43.4758, 75.2263, 24.5406
YIQ	191.3980, -42.3500, -80.5420

# Conversions

## Conversions Part 2

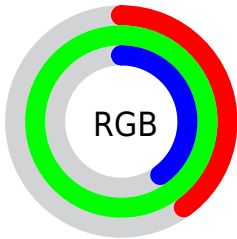
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 255, 255</a>
Decimal	<a href="#">6684517</a>
CIELab	<a href="#">89.50, -69.49, 60.18</a>
CIELCh	<a href="#">89, 91.927, 139.106</a>
Yxy	<a href="#">75.2263, 0.3035, 0.5252</a>
Android (android.graphics.Color)	<a href="#">4284874597 (0xFF65FF65)</a>
YUV	<a href="#">191.3980, -44.5662, -79.2790</a>
Hunter-Lab	<a href="#">86.7331, -62.3081, 43.9374</a>

# Details

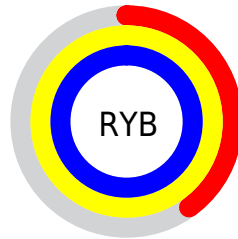
The Hex color **65FF65** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FF65FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A5FF9C**, and **00C52C** is the 20% darker color. If you saturate the color by 10%, you get **4BFF4B**, and if you desaturate by 10%, it is **7EFF7E**.

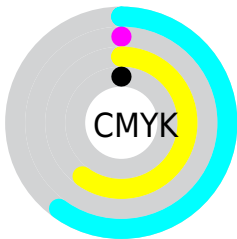
# Distribution



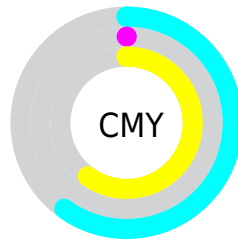
- Red (40%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (100%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 65FF65 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 65FF65 by changing the saturation by 10% instead.



 65FF65

 65FF65

FFFFFF

 40E249

 A5FF9C

 00C52C

 C4FFB9

 00A901

 E3FFD5

 008D00

 FFFFF3

 007200

 005800

 003F00

 002700

 000000

 65FF65

 65FF65

 4BFF4B

 7EFF7E

 32FF32

 98FF98

 18FF18

 B2FFB2

 00FF00

 CBFFCB

 E4FFE4

FEFFFE

FFFFFF

# Harmonies

## Analogous

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



D6EE08



65FF65



00FFBD

# Triad

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



65FF65



00F4FF



FF8CAD

# Complementary

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



65FF65



FF65FF

# Split Complementary

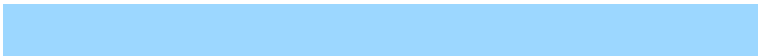
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF8CFF



65FF65



9CD7FF

# Square

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



65FF65



00FFFF



FFAFFF



FFAC5D

# Rectangle

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



65FF65



00FFFA



FFAFFF



FF87CA

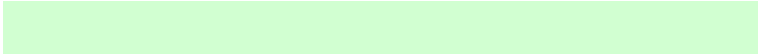


# Sweetspot

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



65FF65



D1FFD1



FFFF65



638063



000000



808080



# Same Dimension

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



65FF65



47FF47



65FFB2



738073



00BF00



004000



# Inverse Universe

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



FF65FF



FF47FF



FF65B2



807380



BF00BF

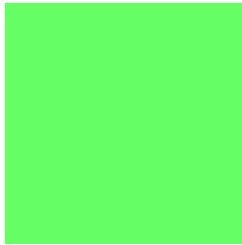


400040



# Previews

## White Background



This preview shows how the Hex color 65FF65 looks on a white background.

## Color Contrast Check

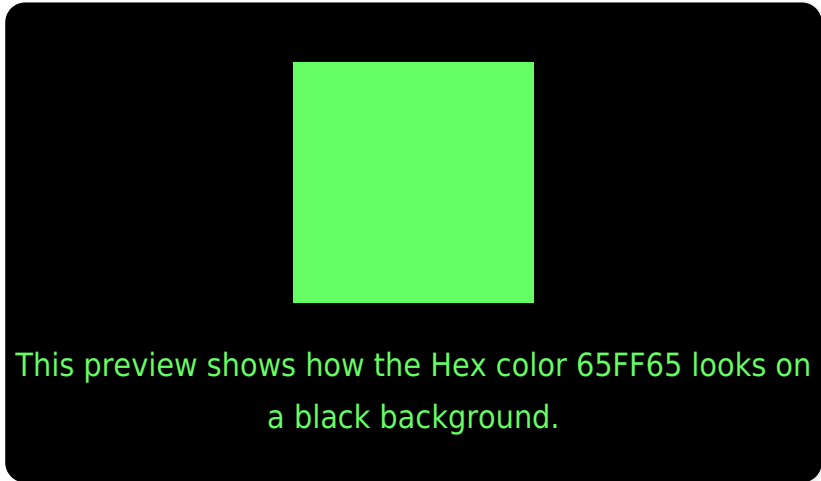
Large Text (above 18pt) WCAG AA × Fail

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 65FF65 Background



This preview shows how black text looks on a background with the Hex color 65FF65.

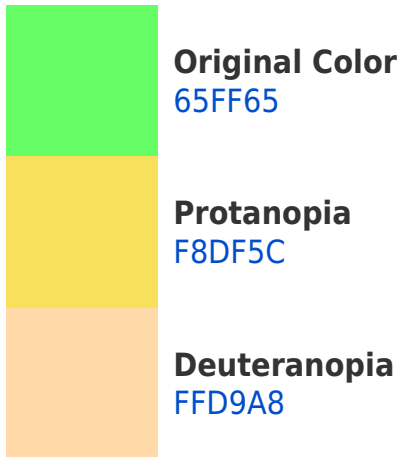


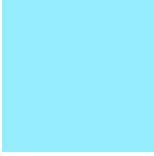
This preview shows how white text looks on a background with the Hex color 65FF65.

# 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



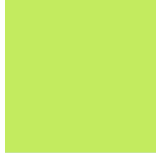


**Tritanopia**  
96EDFF

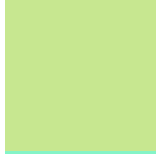
# Trichromacy



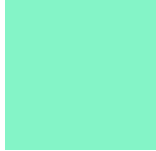
**Original Color**  
65FF65



**Protanomaly**  
C3EB5F

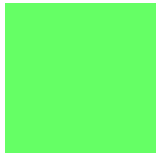


**Deuteranomaly**  
C7E790

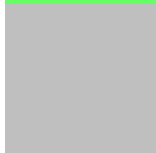


**Tritanomaly**  
84F4C7

# Monochromacy



**Original Color**  
65FF65



**Achromatopsia**  
BFBFBF



**Achromatomaly**  
9ED69E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65FF65 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 #65FF65 looks like.

```
.text, #text, p{  
    color:#65FF65  
}
```

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 #65FF65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65FF65
}
```

## Border

The CSS property to change the border of an element to Hex 65FF65 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
#65FF65 }
```

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

```
.border{ border-color:#65FF65 }
```

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

Here you see how a box with a 4 pixel #65FF65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65FF65; -webkit-box-shadow:4px 4px  
4px 4px #65FF65; box-shadow:4px 4px 4px  
4px #65FF65 }
```

# Background

The CSS property to change the background color of an element to Hex 65FF65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65FF65 }
```

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

```
.background{ background-color:#65FF65 }
```

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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