

# Converting Colors

Hex(68FF62)

Have a look what the booklet for  
Hex(68FF62) contains.

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**Color**

**Hex(68FF62)**

# Conversions

## Conversions Part 1

Format	Color
Hex	68FF62
RGB	104, 255, 98
RGB Percent	41%, 100%, 38%
CMY	0.5922, 0.0000, 0.6157
CMYK	0.59, 0.00, 0.62, 0.00
HSL	118°, 100%, 69%
HSV	118°, 62%, 100%
XYZ	43.6735, 75.3449, 23.7965
YIQ	191.9530, -39.5990, -80.8390

# Conversions

## Conversions Part 2

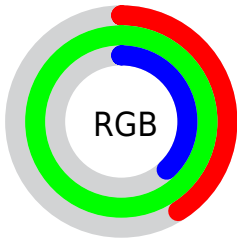
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 255, 249
Decimal	6881122
CIE <sub>Lab</sub>	89.55, -69.14, 61.52
CIE <sub>LCh</sub>	90, 92.551, 138.340
Yxy	75.3449, 0.3058, 0.5276
Android (android.graphics.Color)	4285071202 (0xFF68FF62)
YUV	191.9530, -46.3188, -77.1348
Hunter-Lab	86.8014, -62.0915, 44.5068

# Details

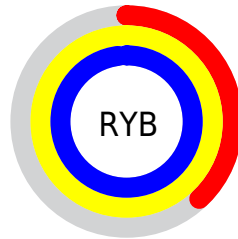
The Hex color **68FF62** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F962FF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **A8FF9A**, and **0AC528** is the 20% darker color. If you saturate the color by 10%, you get **4FFF49**, and if you desaturate by 10%, it is **81FF7B**.

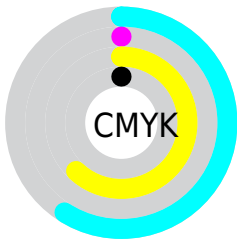
# Distribution



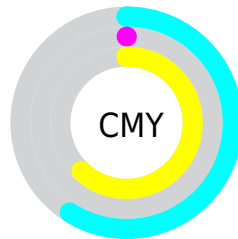
- Red (41%)
- Green (100%)
- Blue (38%)



- Red (38%)
- Yellow (100%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (59%)
- Magenta (0%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 68FF62 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 68FF62 by changing the saturation by 10% instead.



 68FF62

 68FF62

FFFFFF

 44E246

 A8FF9A

 0AC528

 C7FFB6

 00A900

 E6FFD3

 008D00

 FFFFF0

 007200

 005800

 003F00

 002700

 000000

 68FF62

 68FF62

 4FFF49

 81FF7B

 37FF2F

 99FF95

 1EFF16

 B2FFAF

 0AFF00

 CAFFC8

 E3FFE2

 FBFFFB

FFFFFF

# Harmonies

## Analogous

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



D8ED00



68FF62



00FFBA

# Triad

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



68FF62



00F5FF



FF8AAF

# Complementary

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



68FF62



F962FF

# 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



68FF62



96D8FF

# Square

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



68FF62



00FFFF



FFB0FF



FFA5E

# Rectangle

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



68FF62



00FFF8



FFB0FF



FF86CC

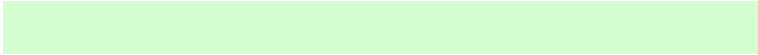


# Sweetspot

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



68FF62



D3FFD1



FFF762



658063



000000



808080



# Same Dimension

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



68FF62



4AFF42



62FFA9



738073



07BF00



024000



# Inverse Universe

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



F962FF



F842FF



FF62B8



7F7380



B800BF

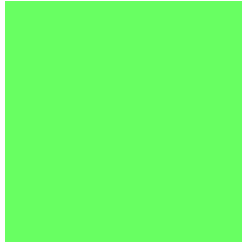


3D0040



# Previews

## White Background



This preview shows how the Hex color 68FF62 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 68FF62 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

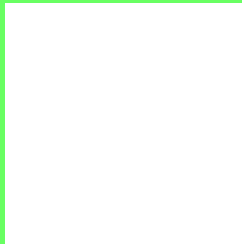
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 68FF62 Background



This preview shows how black text looks on a background with the Hex color 68FF62.

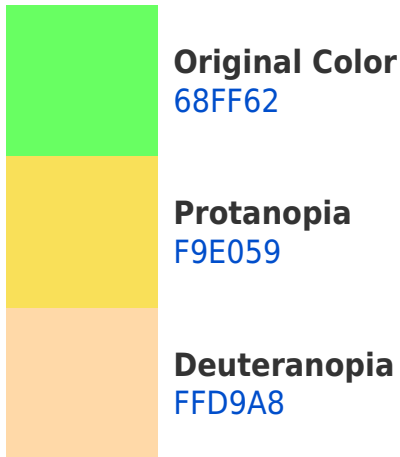


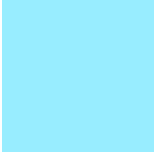
This preview shows how white text looks on a background with the Hex color 68FF62.

# 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](#).

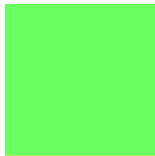
## Dichromacy



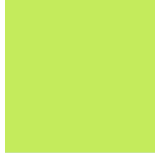


**Tritanopia**  
98EDFF

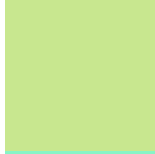
# Trichromacy



**Original Color**  
68FF62



**Protanomaly**  
C4EB5C

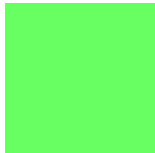


**Deuteranomaly**  
C8E78F

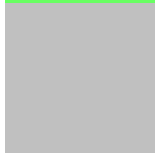


**Tritanomaly**  
87F4C6

# Monochromacy



**Original Color**  
68FF62



**Achromatopsia**  
C0C0C0



**Achromatomaly**  
A0D79E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 68FF62 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 #68FF62 looks like.

```
.text, #text, p{  
    color:#68FF62  
}
```

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 #68FF62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68FF62
}
```

## Border

The CSS property to change the border of an element to Hex 68FF62 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
#68FF62 }
```

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

```
.border{ border-color:#68FF62 }
```

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

Here you see how a box with a 4 pixel #68FF62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68FF62; -webkit-box-shadow:4px 4px  
4px 4px #68FF62; box-shadow:4px 4px 4px  
4px #68FF62 }
```

# Background

The CSS property to change the background color of an element to Hex 68FF62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68FF62 }
```

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

```
.background{ background-color:#68FF62 }
```

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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