

Converting Colors

Hex(68F445)

Have a look what the booklet for
Hex(68F445) contains.

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Color

Hex(68F445)

Conversions

Conversions Part 1

Format	Color
Hex	68F445
RGB	104, 244, 69
RGB Percent	41%, 96%, 27%
CMY	0.5922, 0.0431, 0.7294
CMYK	0.57, 0.00, 0.72, 0.04
HSL	108°, 89%, 61%
HSV	108°, 72%, 96%
XYZ	39.1338, 68.0741, 16.7073
YIQ	182.1900, -27.2650, -84.1050

Conversions

Conversions Part 2

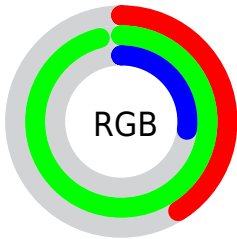
Format	Color
RYB	69, 244, 209
Decimal	6878277
CIELab	86.04, -67.87, 68.86
CIELCh	86, 96.690, 134.584
Yxy	68.0741, 0.3158, 0.5494
Android (android.graphics.Color)	4285068357 (0xFF68F445)
YUV	182.1900, -55.8027, -68.5726
Hunter-Lab	82.5070, -59.7232, 45.7490

Details

The Hex color **68F445** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle washed chartreuse. A complement of this color would be **D145F4**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **A7FF7F**, and **10BA00** is the 20% darker color. If you saturate the color by 10%, you get **54F42D**, and if you desaturate by 10%, it is **7CF45D**.

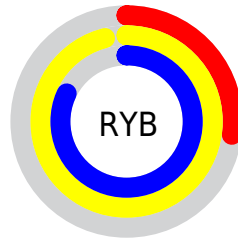
Distribution



Red (41%)

Green (96%)

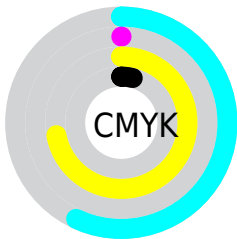
Blue (27%)



Red (27%)

Yellow (96%)

Blue (82%)

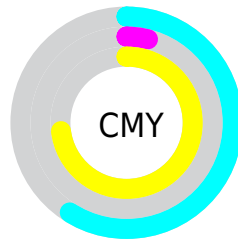


Cyan (57%)

Magenta (0%)

Yellow (72%)

Black (4%)



Cyan (59%)

Magenta (4%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68F445 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 68F445 by changing the saturation by 10% instead.

 68F445

 68F445

FFFFFF

 45D724

 A7FF7F

 10BA00

 C6FF9B

 009F00

 E5FFB8

 008300

 FFFFD5

 006900

 FFFFF3

 004F00

 003800

 001D00

 000000

 68F445

 68F445

 54F42D

 7CF45D

 41F414

 8FF476

 31F400

 A3F48E

 B6F4A7

 CAF4BF

 DDF4D7

 F1F4F0

 FFF4FF

Harmonies

Analogous

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



D8E100



68F445



00FEA3

Triad

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



68F445



00EFFF



FF75AF

Complementary

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



68F445



D145F4

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.



FF7EFF



68F445



54D3FF

Square

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



68F445



00DFF



FFA9FF



FF9858

Rectangle

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



68F445



00FFE3



FFA9FF



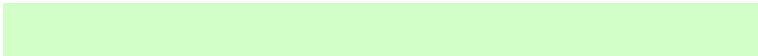
FF72CD

Sweetspot

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



68F445



D2FFC7



F4D145



65805E



000000



808080

Same Dimension

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



68F445



50FF24



45F47A



717A6E



25BA00



0C3B00

Inverse Universe

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



D145F4



D324FF



F445C0



786E7A



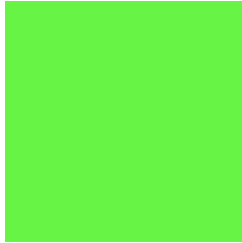
9500BA



2F003B

Previews

White Background



This preview shows how the Hex color 68F445 looks on a white background.

Color Contrast Check

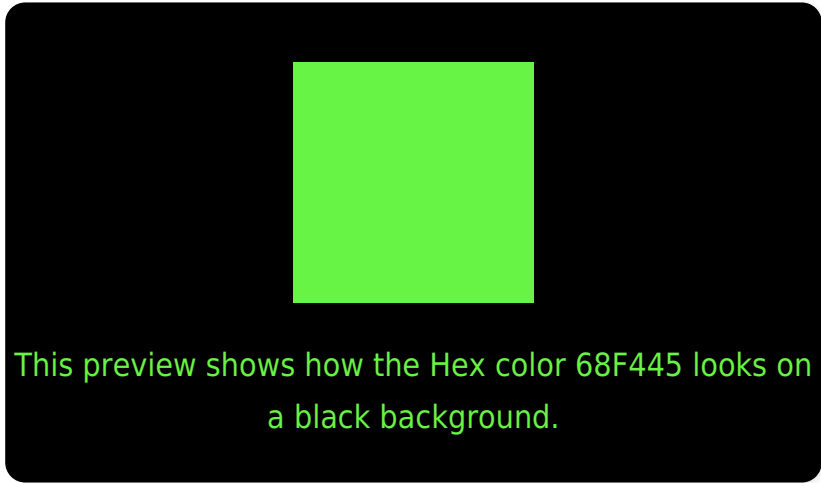
Large Text (above 18pt) WCAG AA × Fail

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

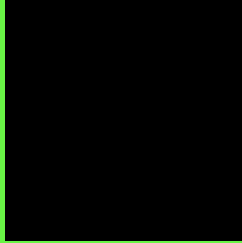
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

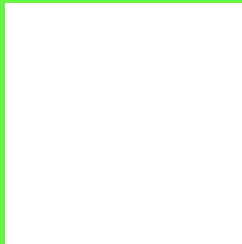
Any Text WCAG AAA ✓ Pass

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

Hex 68F445 Background



This preview shows how black text looks on a background with the Hex color 68F445.

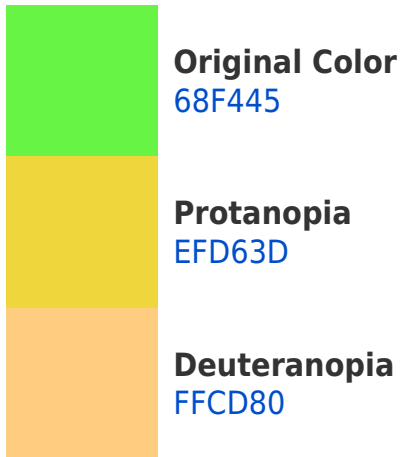


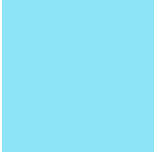
This preview shows how white text looks on a background with the Hex color 68F445.

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](#).

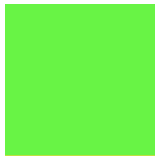
Dichromacy





Tritanopia
8CE4F6

Trichromacy



Original Color
68F445



Protanomaly
BEE140



Deuteranomaly
C8DB6B

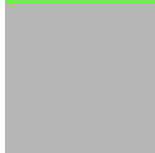


Tritanomaly
7FEAB6

Monochromacy



Original Color
68F445



Achromatopsia
B6B6B6



Achromatomaly
9ACD8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 68F445 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 #68F445 looks like.

```
.text, #text, p{  
    color:#68F445  
}
```

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 #68F445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68F445
}
```

Border

The CSS property to change the border of an element to Hex 68F445 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
#68F445 }
```

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

```
.border{ border-color:#68F445 }
```

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

Here you see how a box with a 4 pixel #68F445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68F445; -webkit-box-shadow:4px 4px  
4px 4px #68F445; box-shadow:4px 4px 4px  
4px #68F445 }
```

Background

The CSS property to change the background color of an element to Hex 68F445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68F445 }
```

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

```
.background{ background-color:#68F445 }
```

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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