

Converting Colors

Hex(68EF22)

Have a look what the booklet for
Hex(68EF22) contains.

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Color

Hex(68EF22)

Conversions

Conversions Part 1

Format	Color
Hex	68EF22
RGB	104, 239, 34
RGB Percent	41%, 94%, 13%
CMY	0.5922, 0.0627, 0.8667
CMYK	0.56, 0.00, 0.86, 0.06
HSL	100°, 86%, 54%
HSV	100°, 86%, 94%
XYZ	36.8642, 64.7916, 12.0765
YIQ	175.2650, -14.6550, -92.3750

Conversions

Conversions Part 2

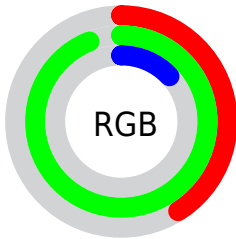
Format	Color
R_{YB}	34, 239, 169
Decimal	6876962
CIE _{Lab}	84.38, -68.02, 76.97
CIE _{LCh}	84, 102.719, 131.468
Yxy	64.7916, 0.3241, 0.5697
Android (android.graphics.Color)	4285067042 (0xFF68EF22)
YUV	175.2650, -69.6436, -62.4994
Hunter-Lab	80.4932, -59.1139, 47.4499

Details

The Hex color **68EF22** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **A922EF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **A8FF65**, and **0FB600** is the 20% darker color. If you saturate the color by 10%, you get **58EF0A**, and if you desaturate by 10%, it is **78EF3A**.

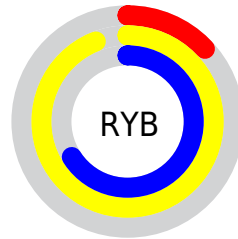
Distribution



Red (41%)

Green (94%)

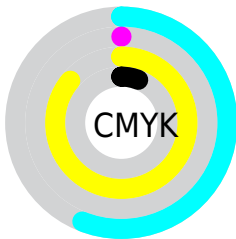
Blue (13%)



Red (13%)

Yellow (94%)

Blue (66%)

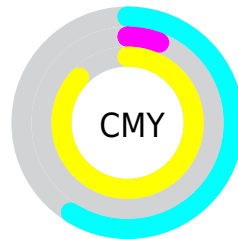


Cyan (56%)

Magenta (0%)

Yellow (86%)

Black (6%)



Cyan (59%)

Magenta (6%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 68EF22 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 68EF22 by changing the saturation by 10% instead.

 68EF22

 68EF22


FFFFFF

 45D200

 A8FF65

 0FB600

 C6FF83

 009A00

 E6FFA0

 007F00

 FFFFBD

 006500

 FFFFDB

 004B00

 FFFFF9

 003300

 001800

 000000

■ 68EF22

■ 68EF22

■ 58EF0A

■ 78EF3A

■ 52EF00

■ 87EF52

■ 97EF6A

■ A7EF82

■ B7EF99

■ C6EFB1

■ D6EFC9

■ E6EFE1

■ F6EFF9

Harmonies

Analogous

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



DADA00



68EF22



00FA91

Triad

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



68EF22



00EEFF



FF60B2

Complementary

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



68EF22



A922EF

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.



FF72FF



68EF22



00D2FF

Square

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



68EF22



00FBFF



FFA6FF



FF8855

Rectangle

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



68EF22



00FDD5



FFA6FF



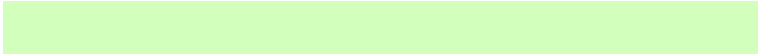
FF5ED2

Sweetspot

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



68EF22



D3FFBD



EFA722



658058



000000



808080

Same Dimension

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



68EF22



57FF00



22EF41



70786C



3FB800



133800

Inverse Universe

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



A922EF



A800FF



EF22D0



746C78



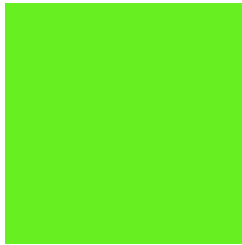
7900B8



250038

Previews

White Background



This preview shows how the Hex color 68EF22 looks on a white background.

Color Contrast Check

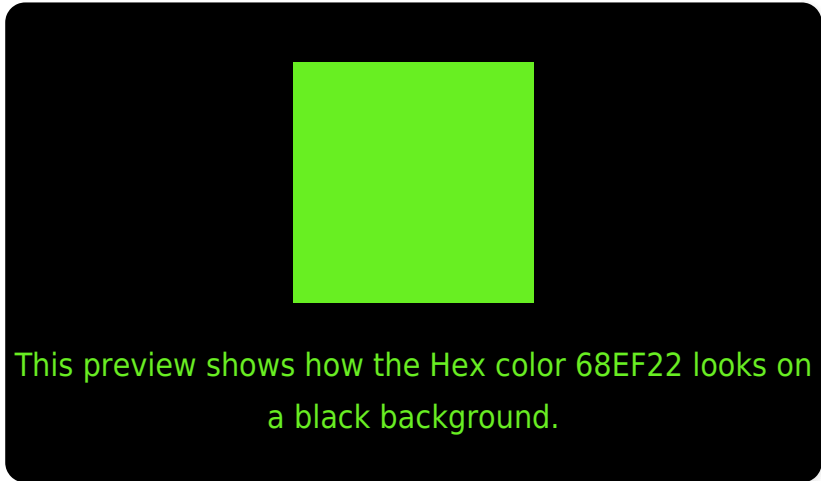
Large Text (above 18pt) WCAG AA × Fail

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

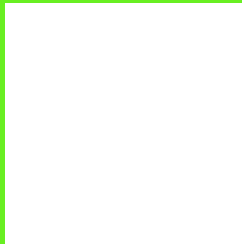
Any Text WCAG AAA ✓ Pass

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

Hex 68EF22 Background



This preview shows how black text looks on a background with the Hex color 68EF22.

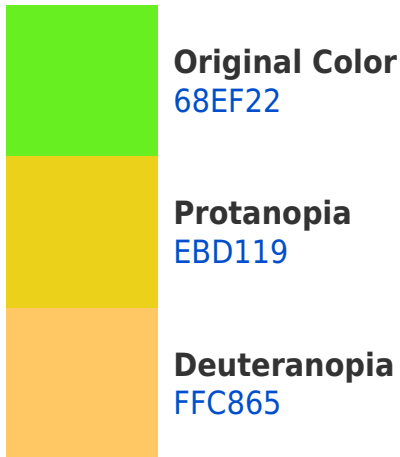


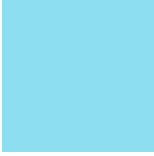
This preview shows how white text looks on a background with the Hex color 68EF22.

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](#).

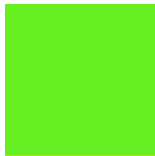
Dichromacy





Tritanopia
8CDEF0

Trichromacy



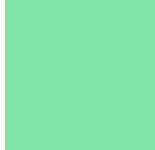
Original Color
68EF22



Protanomaly
BBDC1C



Deuteranomaly
C8D64D

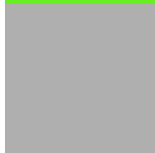


Tritanomaly
7FE4A5

Monochromacy



Original Color
68EF22



Achromatopsia
AFAFAF



Achromatomaly
95C67C

CSS Examples

Text

The CSS property to change the color of the text to Hex 68EF22 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 #68EF22 looks like.

```
.text, #text, p{  
    color:#68EF22  
}
```

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 #68EF22 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #68EF22
}
```

Border

The CSS property to change the border of an element to Hex 68EF22 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
#68EF22 }
```

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

```
.border{ border-color:#68EF22 }
```

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

Here you see how a box with a 4 pixel #68EF22 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #68EF22; -webkit-box-shadow:4px 4px  
4px 4px #68EF22; box-shadow:4px 4px 4px  
4px #68EF22 }
```

Background

The CSS property to change the background color of an element to Hex 68EF22 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#68EF22 }
```

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

```
.background{ background-color:#68EF22 }
```

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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