

Converting Colors

Hex(67F272)

Have a look what the booklet for
Hex(67F272) contains.

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Color

Hex(67F272)

Conversions

Conversions Part 1

Format	Color
Hex	67F272
RGB	103, 242, 114
RGB Percent	40%, 95%, 45%
CMY	0.5961, 0.0510, 0.5529
CMYK	0.57, 0.00, 0.53, 0.05
HSL	125°, 84%, 68%
HSV	125°, 57%, 95%
XYZ	40.3829, 67.6027, 26.8398
YIQ	185.8470, -41.7560, -69.2760

Conversions

Conversions Part 2

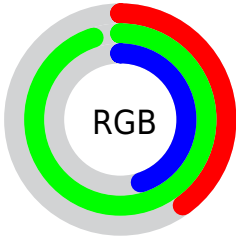
Format	Color
RYB	103, 232, 242
Decimal	6812274
CIELab	85.81, -62.94, 50.13
CIELCh	86, 80.462, 141.464
Yxy	67.6027, 0.2995, 0.5014
Android (android.graphics.Color)	4285002354 (0xFF67F272)
YUV	185.8470, -35.4206, -72.6568
Hunter-Lab	82.2209, -56.2160, 38.2002

Details

The Hex color **67F272** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **F267E7**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **A5FFA8**, and **17B93D** is the 20% darker color. If you saturate the color by 10%, you get **4FF25C**, and if you desaturate by 10%, it is **7FF288**.

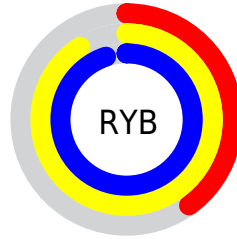
Distribution



Red (40%)

Green (95%)

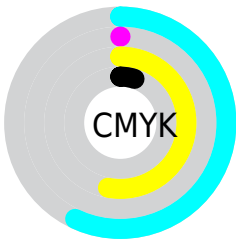
Blue (45%)



Red (40%)

Yellow (91%)

Blue (95%)

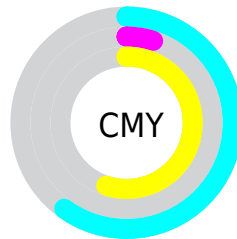


Cyan (57%)

Magenta (0%)

Yellow (53%)

Black (5%)



Cyan (60%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 67F272 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 67F272 by changing the saturation by 10% instead.

 67F272

 67F272

FFFFFF

 45D558

 A5FFA8

 17B93D

 C3FFC4

 009D21

 E1FFE1

 008200

FFFFFFE

 006800

 004E00

 003600

 001D00

 000000

 67F272

 67F272

 4FF25C

 7FF288

 37F245

 97F29F

 1EF22F

 B0F2B5

 06F219

 C8F2CB

 00F213

 E0F2E1

 F8F2F8

 FFF2FF

Harmonies

Analogous

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



C9E337



67F272



00F9BD

Triad

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



67F272



00E6FF



FF92A3

Complementary

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



67F272



F267E7

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.



FF90F0



67F272



AECBFF

Square

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



67F272



00F5FF



FFAAFF



FFAC60

Rectangle

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



67F272



00BF3



FFAAFF



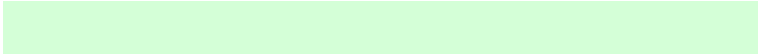
FF8EBC

Sweetspot

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



67F272



D4FFD7



E9F267



668068



000000



808080

Same Dimension

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



67F272



4FFF5D



67F2B6



6C786D



00B80F



003804

Inverse Universe

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



F267E7



FF4FF1



F267A3



786C77



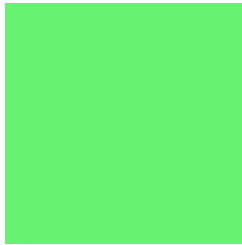
B800A9



380034

Previews

White Background



This preview shows how the Hex color 67F272 looks on a white background.

Color Contrast Check

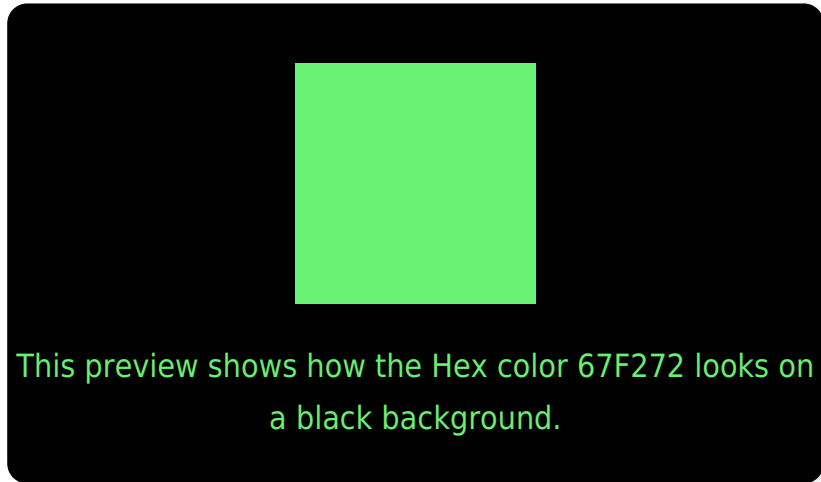
Large Text (above 18pt) WCAG AA × Fail

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

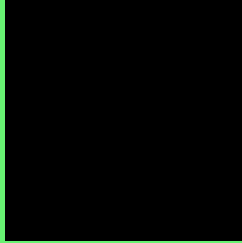
Any Text WCAG AA ✓ Pass

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 67F272 Background



This preview shows how black text looks on a background with the Hex color 67F272.

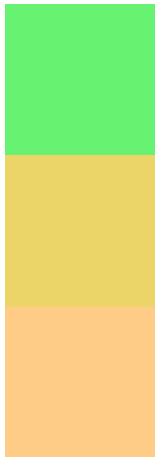


This preview shows how white text looks on a background with the Hex color 67F272.

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](#).

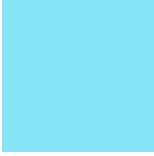
Dichromacy



Original Color
67F272

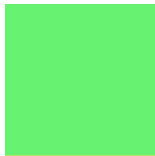
Protanopia
EBD568

Deuteranopia
FFCC87



Tritanopia
87E4F6

Trichromacy



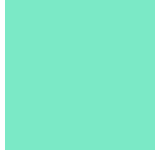
Original Color
67F272



Protanomaly
BBE06C



Deuteranomaly
C8DA7F

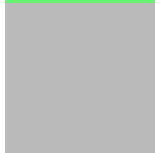


Tritanomaly
7BE9C6

Monochromacy



Original Color
67F272



Achromatopsia
BABABA



Achromatomaly
9CCEA0

CSS Examples

Text

The CSS property to change the color of the text to Hex 67F272 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 #67F272 looks like.

```
.text, #text, p{  
    color:#67F272  
}
```

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 #67F272 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #67F272
}
```

Border

The CSS property to change the border of an element to Hex 67F272 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
#67F272 }
```

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

```
.border{ border-color:#67F272 }
```

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

Here you see how a box with a 4 pixel #67F272 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #67F272; -webkit-box-shadow:4px 4px  
4px 4px #67F272; box-shadow:4px 4px 4px  
4px #67F272 }
```

Background

The CSS property to change the background color of an element to Hex 67F272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#67F272 }
```

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

```
.background{ background-color:#67F272 }
```

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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