

Converting Colors

Hex(66F550)

Have a look what the booklet for
Hex(66F550) contains.

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Color

Hex(66F550)

Conversions

Conversions Part 1

Format	Color
Hex	66F550
RGB	102, 245, 80
RGB Percent	40%, 96%, 31%
CMY	0.6000, 0.0392, 0.6863
CMYK	0.58, 0.00, 0.67, 0.04
HSL	112°, 89%, 64%
HSV	112°, 67%, 96%
XYZ	39.5799, 68.7088, 18.7655
YIQ	183.4330, -32.2630, -81.6310

Conversions

Conversions Part 2

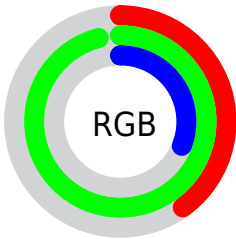
Format	Color
RYB	80, 245, 223
Decimal	6747472
CIELab	86.36, -67.83, 65.18
CIELCh	86, 94.070, 136.139
Yxy	68.7088, 0.3115, 0.5408
Android (android.graphics.Color)	4284937552 (0xFF66F550)
YUV	183.4330, -50.9925, -71.4167
Hunter-Lab	82.8908, -59.8261, 44.6010

Details

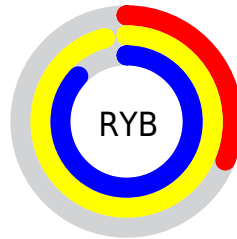
The Hex color **66F550** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted chartreuse. A complement of this color would be **DF50F5**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **A5FF88**, and **09BB07** is the 20% darker color. If you saturate the color by 10%, you get **51F538**, and if you desaturate by 10%, it is **7BF569**.

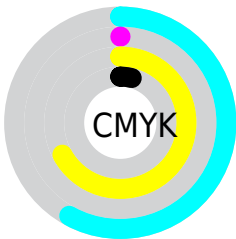
Distribution



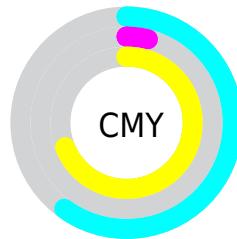
- Red (40%)
- Green (96%)
- Blue (31%)



- Red (31%)
- Yellow (96%)
- Blue (87%)



- Cyan (58%)
- Magenta (0%)
- Yellow (67%)
- Black (4%)



- Cyan (60%)
- Magenta (4%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66F550 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 66F550 by changing the saturation by 10% instead.

 66F550

 66F550

FFFFFF

 43D832


 A5FF88

 09BB07

 C4FFA5

 00A000

 E3FFC1

 008400

 FFFFDE

 006A00


 FFFFFC

 005000

 003800

 001E00

 000000

 66F550

 66F550

 51F538

 7BF569

 3CF51F

 90F581

 26F507

 A6F59A

 21F500

 BBF5B2

 D0F5CB

 E5F5E3

 FBF5FC

 FFF5FF

Harmonies

Analogous

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



D5E300



66F550



00FEAA

Triad

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



66F550



00EEFF



FF7CAC

Complementary

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



66F550



DF50F5

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.



FF81FF



66F550



72D2FF

Square

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



66F550



00DFF



FFA9FF



FF9D59

Rectangle

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



66F550



00FFE9



FFA9FF



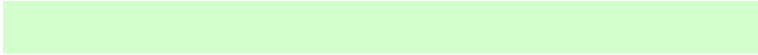
FF78CA

Sweetspot

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



66F550



D3FFCC



F5DF50



658061



000000



808080

Same Dimension

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



66F550



4CFF30



50F58D



707A6E



19BA00



083B00

Inverse Universe

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



DF50F5



E330FF



F550B8



796E7A



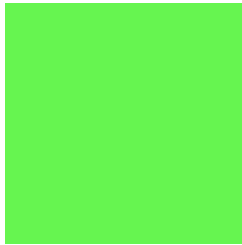
A100BA



33003B

Previews

White Background



This preview shows how the Hex color 66F550 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 66F550 Background



This preview shows how black text looks on a background with the Hex color 66F550.

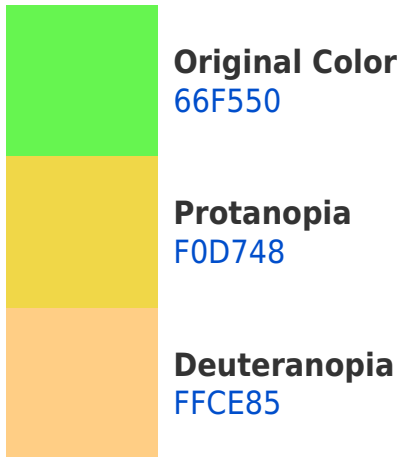


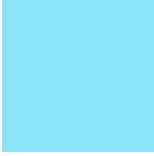
This preview shows how white text looks on a background with the Hex color 66F550.

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
8AE5F7

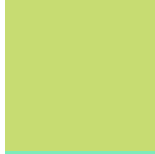
Trichromacy



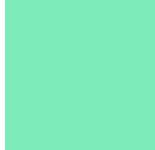
Original Color
66F550



Protanomaly
BEE24B



Deuteranomaly
C7DC72

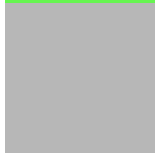


Tritanomaly
7DEBBA

Monochromacy



Original Color
66F550



Achromatopsia
B7B7B7



Achromatomaly
9ACE92

CSS Examples

Text

The CSS property to change the color of the text to Hex 66F550 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 #66F550 looks like.

```
.text, #text, p{  
    color:#66F550  
}
```

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 #66F550 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66F550
}
```

Border

The CSS property to change the border of an element to Hex 66F550 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
#66F550 }
```

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

```
.border{ border-color:#66F550 }
```

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

Here you see how a box with a 4 pixel #66F550 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66F550; -webkit-box-shadow:4px 4px  
4px 4px #66F550; box-shadow:4px 4px 4px  
4px #66F550 }
```

Background

The CSS property to change the background color of an element to Hex 66F550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66F550 }
```

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

```
.background{ background-color:#66F550 }
```

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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