

Converting Colors

Hex(66FA75)

Have a look what the booklet for
Hex(66FA75) contains.

Hex(66FA75)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(66FA75)

Conversions

Conversions Part 1

Format	Color
Hex	66FA75
RGB	102, 250, 117
RGB Percent	40%, 98%, 46%
CMY	0.6000, 0.0196, 0.5412
CMYK	0.59, 0.00, 0.53, 0.02
HSL	126°, 94%, 69%
HSV	126°, 59%, 98%
XYZ	42.8760, 72.4803, 28.5599
YIQ	190.5860, -45.5150, -72.7390

Conversions

Conversions Part 2

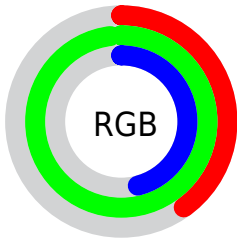
Format	Color
RYB	102, 236, 250
Decimal	6748789
CIELab	88.20, -65.67, 51.63
CIELCh	88, 83.533, 141.825
Yxy	72.4803, 0.2979, 0.5036
Android (android.graphics.Color)	4284938869 (0xFF66FA75)
YUV	190.5860, -36.2779, -77.6899
Hunter-Lab	85.1354, -59.0906, 39.7051

Details

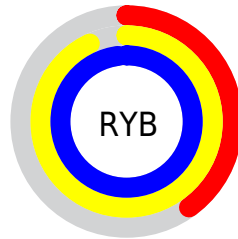
The Hex color **66FA75** is a light color, and the websafe version is hex **66FF66**. A complement of this color would be **FA66EB**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A5FFAC**, and **0CC040** is the 20% darker color. If you saturate the color by 10%, you get **4DFA5F**, and if you desaturate by 10%, it is **7FFA8B**.

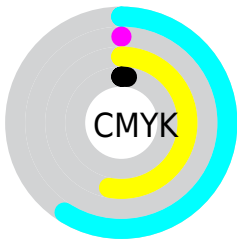
Distribution



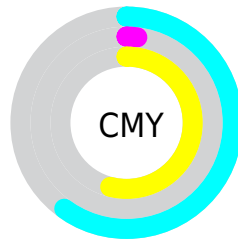
- Red (40%)
- Green (98%)
- Blue (46%)



- Red (40%)
- Yellow (93%)
- Blue (98%)



- Cyan (59%)
- Magenta (0%)
- Yellow (53%)
- Black (2%)



- Cyan (60%)
- Magenta (2%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66FA75 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 66FA75 by changing the saturation by 10% instead.

 66FA75

FFFFFF

 A5FFAC

 C3FFC8

 E2FFE5

 66FA75

 43DD5A

 0CC040

 00A424

 008900

 006E00

 005400

 003C00

 002300

 000000

 66FA75

 66FA75

 4DFA5F

 7FFA8B

 34FA48

 98FAA2

 1BFA32

 B1FAB8

 02FA1B

 CAFACF

 00FA19

 E3FAE5

 FCFAFC

 FFFAFF

Harmonies

Analogous

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



CEEB36



66FA75



00FFC4

Triad

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



66FA75



00EDFF



FF95A7

Complementary

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



66FA75



FA66EB

Split Complementary

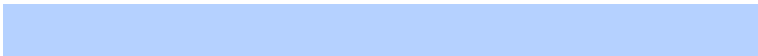
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF93F7



66FA75



B5D1FF

Square

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



66FA75



00DFF



FFAEFF



FFB261

Rectangle

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



66FA75



00FFFC



FFAEFF



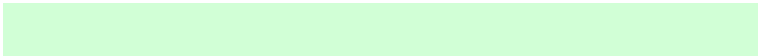
FF91C1

Sweetspot

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



66FA75



D1FFD6



EBFA66



638066



000000



808080

Same Dimension

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



66FA75



4AFF5C



66FABF



707D72



00BD13



003D06

Inverse Universe

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



FA66EB



FF4AED



FA66A1



7D707C



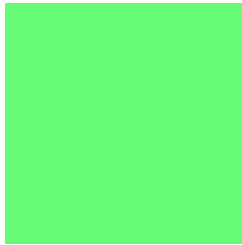
BD00AA



3D0037

Previews

White Background



This preview shows how the Hex color 66FA75 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 66FA75 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

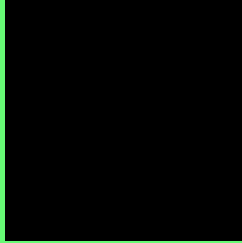
Any Text WCAG AA ✓ Pass

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 66FA75 Background



This preview shows how black text looks on a background with the Hex color 66FA75.

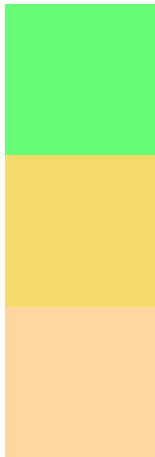


This preview shows how white text looks on a background with the Hex color 66FA75.

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](#).

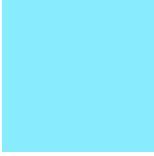
Dichromacy



Original Color
66FA75

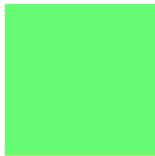
Protanopia
F3DC6B

Deuteranopia
FFD49F

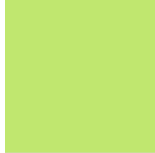


Tritanopia
88EBFE

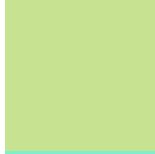
Trichromacy



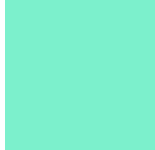
Original Color
66FA75



Protanomaly
C0E76F



Deuteranomaly
C7E290

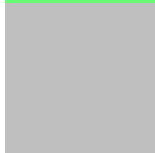


Tritanomaly
7CF0CC

Monochromacy



Original Color
66FA75



Achromatopsia
BFBFBF



Achromatomaly
9FD4A4

CSS Examples

Text

The CSS property to change the color of the text to Hex 66FA75 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 #66FA75 looks like.

```
.text, #text, p{  
    color:#66FA75  
}
```

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 #66FA75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66FA75  
}
```

Border

The CSS property to change the border of an element to Hex 66FA75 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  
#66FA75 }
```

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

```
.border{ border-color:#66FA75 }
```

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

Here you see how a box with a 4 pixel #66FA75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66FA75; -webkit-box-shadow:4px 4px  
4px 4px #66FA75; box-shadow:4px 4px 4px  
4px #66FA75 }
```

Background

The CSS property to change the background color of an element to Hex 66FA75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66FA75 }
```

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

```
.background{ background-color:#66FA75 }
```

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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