

Converting Colors

Hex(66FFAA)

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

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Color

Hex(66FFAA)

Conversions

Conversions Part 1

Format	Color
Hex	66FFAA
RGB	102, 255, 170
RGB Percent	40%, 100%, 67%
CMY	0.6000, 0.0000, 0.3333
CMYK	0.60, 0.00, 0.33, 0.00
HSL	147°, 100%, 70%
HSV	147°, 60%, 100%
XYZ	48.4952, 77.2471, 50.3844
YIQ	199.5630, -63.9030, -58.8710

Conversions

Conversions Part 2

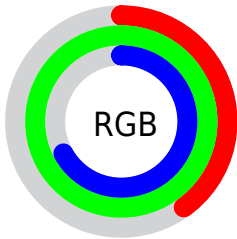
Format	Color
R _{YB}	102, 208, 255
Decimal	6750122
CIE Lab	90.44, -59.24, 28.81
CIE LCh	90, 65.872, 154.060
Yxy	77.2471, 0.2753, 0.4386
Android (android.graphics.Color)	4284940202 (0xFF66FFAA)
YUV	199.5630, -14.5746, -85.5628
Hunter-Lab	87.8903, -55.3172, 27.5343

Details

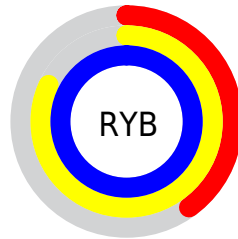
The Hex color **66FFAA** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FF66BB**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **A5FFE2**, and **0DC575** is the 20% darker color. If you saturate the color by 10%, you get **4DFF9C**, and if you desaturate by 10%, it is **80FFB8**.

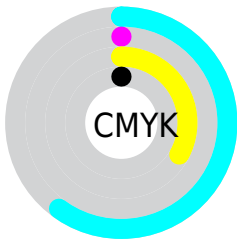
Distribution



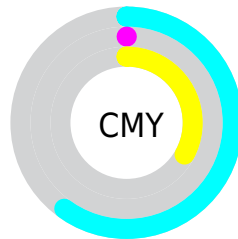
- Red (40%)
- Green (100%)
- Blue (67%)



- Red (40%)
- Yellow (82%)
- Blue (100%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)

Brightness & Saturation Gradients

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

 66FFAA

 66FFAA

FFFFFF

 43E28F


 A5FFE2

 0DC575


 C3FFFF

 00A95C

 E2FFFF

 008E44

 00732C

 005915

 004000

 002900

 000300


 66FFAA

 66FFAA

 4DFF9C

 80FFB8

 33FF8E

 99FFC6

 19FF7F

 B3FFD4

 00FF71

 CCFFE3

 E6FFF1

FFFFFF

Harmonies

Analogous

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



BEF476



66FFAA



00FFEA

Triad

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



66FFAA



80E8FF



FFB6A0

Complementary

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



66FFAA



FF66BB

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.



FFADDD



66FFAA



F3D0FF

Square

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



66FFAA



00F9FF



FFB8FF



FFCC72

Rectangle

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



66FFAA



00FFFF



FFB8FF



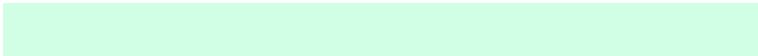
FFB1B4

Sweetspot

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



66FFAA



D1FFE5



BDFF66



638070



000000



808080

Same Dimension

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



66FFAA



47FF99



66FFF5



738078



00BF55



00401C

Inverse Universe

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



FF66BB



FF47AD



FF6670



80737A



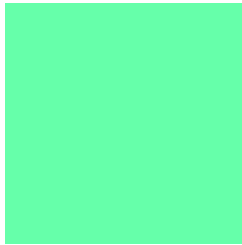
BF006A



400023

Previews

White Background



This preview shows how the Hex color 66FFAA looks on a white background.

Color Contrast Check

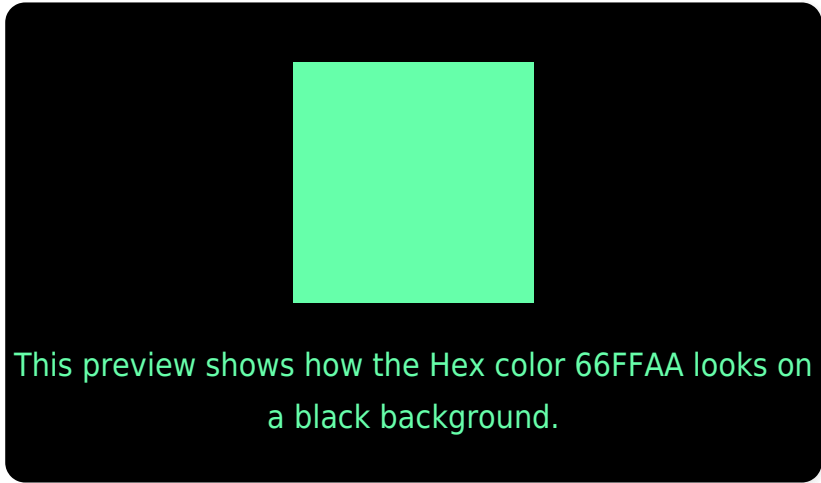
Large Text (above 18pt) WCAG AA × Fail

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

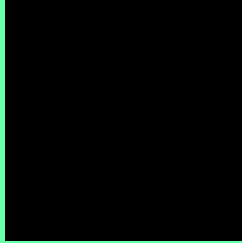
Any Text WCAG AA ✓ Pass

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 66FFAA Background



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

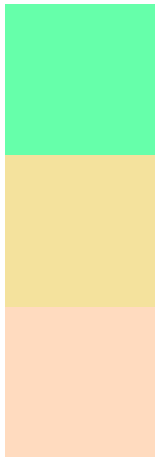


This preview shows how white text looks on a background with the Hex color 66FFAA.

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](#).

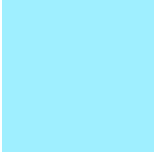
Dichromacy



Original Color
66FFAA

Protanopia
F4E29D

Deuteranopia
FFDBBF



Tritanopia
9FEFF

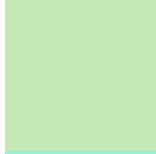
Trichromacy



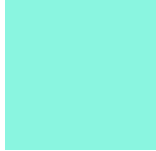
Original Color
66FFAA



Protanomaly
C0EDA2

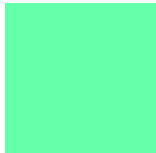


Deuteranomaly
C7E8B7

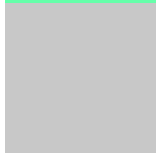


Tritanomaly
8AF5E0

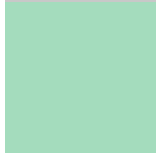
Monochromacy



Original Color
66FFAA



Achromatopsia
C8C8C8



Achromatomaly
A4DCBD

CSS Examples

Text

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

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

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 #66FFAA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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