

Converting Colors

Hex(6CFE96)

Have a look what the booklet for
Hex(6CFE96) contains.

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Color

Hex(6CFE96)

Conversions

Conversions Part 1

Format	Color
Hex	6CFE96
RGB	108, 254, 150
RGB Percent	42%, 100%, 59%
CMY	0.5765, 0.0039, 0.4118
CMYK	0.57, 0.00, 0.41, 0.00
HSL	137°, 99%, 71%
HSV	137°, 57%, 100%
XYZ	47.1312, 76.2738, 41.0924
YIQ	198.4900, -53.6320, -63.2960

Conversions

Conversions Part 2

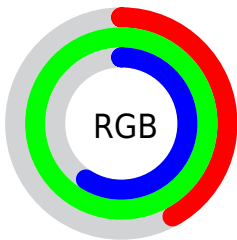
Format	Color
RYB	108, 221, 254
Decimal	7143062
CIELab	89.99, -61.08, 38.20
CIELCh	90, 72.045, 147.977
Yxy	76.2738, 0.2865, 0.4637
Android (android.graphics.Color)	4285333142 (0xFF6CFE96)
YUV	198.4900, -23.9056, -79.3597
Hunter-Lab	87.3349, -56.5066, 33.2375

Details

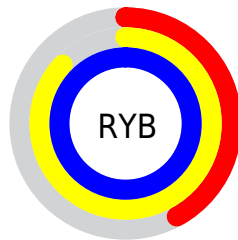
The Hex color **6CFE96** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE6CD4**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **AAFFCD**, and **20C462** is the 20% darker color. If you saturate the color by 10%, you get **53FE84**, and if you desaturate by 10%, it is **85FEA8**.

Distribution



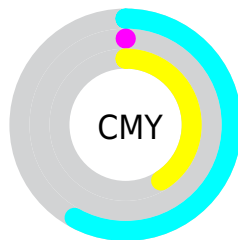
- Red (42%)
- Green (100%)
- Blue (59%)



- Red (42%)
- Yellow (87%)
- Blue (100%)



- Cyan (57%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6CFE96 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 6CFE96 by changing the saturation by 10% instead.

 6CFE96

 6CFE96

FFFFFF

 4BE17B

 AAFFCD

 20C462


 C8FFEA

 00A848

 E6FFFF

 008D30

 007216

 005800

 003F00

 002800

 000000

 6CFE96

 6CFE96

 53FE84

 85FEA8

 39FE72

 9FFFEBA

 20FE60

 B8FECC

 06FE4E

 D2FEDE

 00FE49

 EBFEF0

FFFEFF

Harmonies

Analogous

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



C8F161



6CFE96



00FFDB

Triad

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



6CFE96



22EBFF



FFACA6

Complementary

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



6CFE96



FE6CD4

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.



FFA5EA



6CFE96



DDD2FF

Square

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



6CFE96



00FCFF



FFB6FF



FFC36E

Rectangle

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



6CFE96



00FFFF



FFB6FF



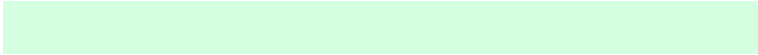
FFA7BC

Sweetspot

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



6CFE96



D4FFE0



D5FE6C



66806D



000000



808080

Same Dimension

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



6CFE96



4FFF82



6CFEDE



738076



00BF37



004012

Inverse Universe

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



FE6CD4



FF4FCC



FE6C8C



80737C



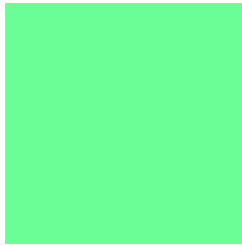
BF0088



40002D

Previews

White Background



This preview shows how the Hex color 6CFE96 looks on a white background.

Color Contrast Check

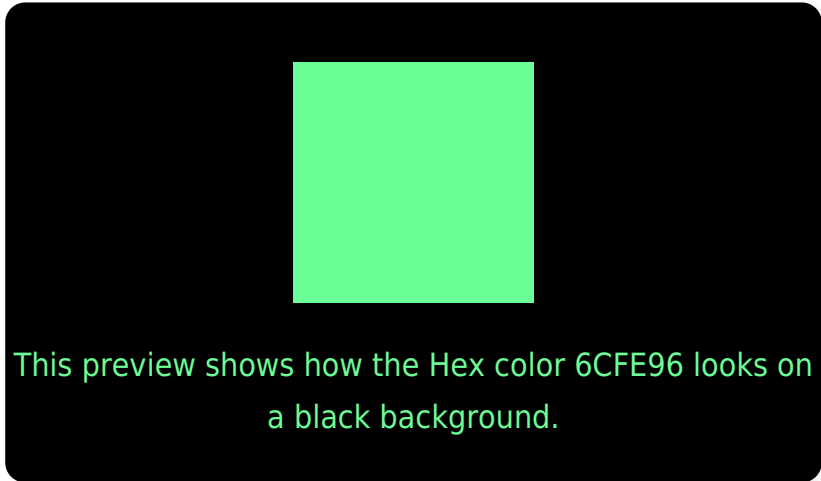
Large Text (above 18pt) WCAG AA × Fail

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

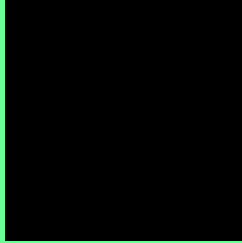
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

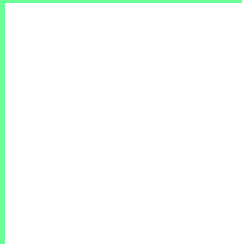
Any Text WCAG AAA ✓ Pass

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

Hex 6CFE96 Background



This preview shows how black text looks on a background with the Hex color 6CFE96.

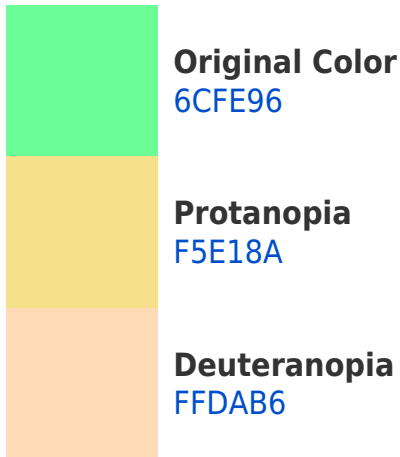


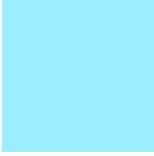
This preview shows how white text looks on a background with the Hex color 6CFE96.

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](#).

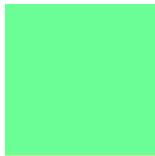
Dichromacy





Tritanopia
9CEEFF

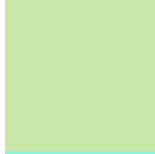
Trichromacy



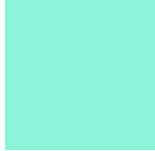
Original Color
6CFE96



Protanomaly
C3EC8E



Deuteranomaly
CAE7AA

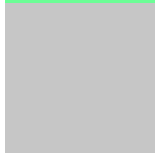


Tritanomaly
8BF4D9

Monochromacy



Original Color
6CFE96



Achromatopsia
C6C6C6



Achromatomaly
A5DAB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6CFE96 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 #6CFE96 looks like.

```
.text, #text, p{  
    color:#6CFE96  
}
```

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 #6CFE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6CFE96
}
```

Border

The CSS property to change the border of an element to Hex 6CFE96 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
#6CFE96 }
```

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

```
.border{ border-color:#6CFE96 }
```

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

Here you see how a box with a 4 pixel #6CFE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6CFE96; -webkit-box-shadow:4px 4px  
4px 4px #6CFE96; box-shadow:4px 4px 4px  
4px #6CFE96 }
```

Background

The CSS property to change the background color of an element to Hex 6CFE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6CFE96 }
```

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

```
.background{ background-color:#6CFE96 }
```

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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