

Converting Colors

Hex(6BFE96)

Have a look what the booklet for
Hex(6BFE96) contains.

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Color

Hex(6BFE96)

Conversions

Conversions Part 1

Format	Color
Hex	6BFE96
RGB	107, 254, 150
RGB Percent	42%, 100%, 59%
CMY	0.5804, 0.0039, 0.4118
CMYK	0.58, 0.00, 0.41, 0.00
HSL	138°, 99%, 71%
HSV	138°, 58%, 100%
XYZ	47.0102, 76.2114, 41.0867
YIQ	198.1910, -54.2280, -63.5080

Conversions

Conversions Part 2

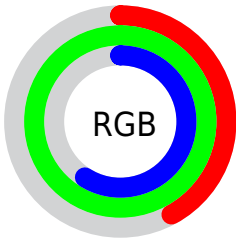
Format	Color
RYB	107, 221, 254
Decimal	7077526
CIELab	89.96, -61.30, 38.16
CIELCh	90, 72.204, 148.096
Yxy	76.2114, 0.2861, 0.4638
Android (android.graphics.Color)	4285267606 (0xFF6BFE96)
YUV	198.1910, -23.7582, -79.9745
Hunter-Lab	87.2992, -56.6520, 33.2050

Details

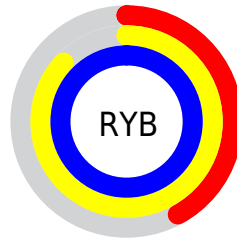
The Hex color **6BFE96** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **FE6BD3**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **A9FFCD**, and **1DC462** is the 20% darker color. If you saturate the color by 10%, you get **52FE84**, and if you desaturate by 10%, it is **84FEA8**.

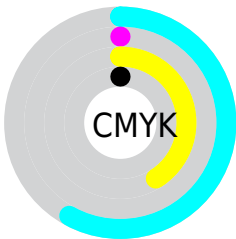
Distribution



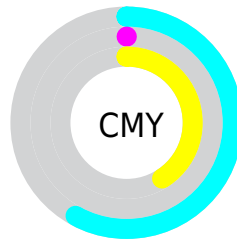
- Red (42%)
- Green (100%)
- Blue (59%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6BFE96 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 6BFE96 by changing the saturation by 10% instead.



6BFE96



6BFE96

FFFFFF



49E17B



A9FFCD



1DC462



C7FFEA



00A848



E6FFFF



008D30



007216



005800



003F00



002800



000000

 6BFE96

 6BFE96

 52FE84

 84FEA8

 38FE72

 9EFEBA

 1FFE60

 B7FECC

 05FE4E

 D1FEDE

 00FE4A

 EAFEFO

FFFEFF

Harmonies

Analogous

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



C8F161



6BFE96



00FFDB

Triad

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



6BFE96



22EBFF



FFABA5

Complementary

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



6BFE96



FE6BD3

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



6BFE96



DDD2FF

Square

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



6BFE96



00FCFF



FFB6FF



FFC36D

Rectangle

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



6BFE96



00FFFF



FFB6FF



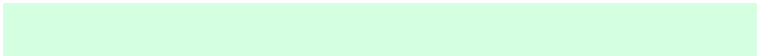
FFA7BB

Sweetspot

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



6BFE96



D4FFE0



D4FE6B



66806D



000000



808080

Same Dimension

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



6BFE96



4FFF83



6BFEDE



738076



00BF38



004013

Inverse Universe

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



FE6BD3



FF4FCC



FE6B8B



80737C



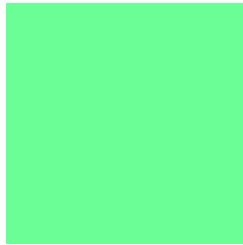
BF0087



40002D

Previews

White Background



This preview shows how the Hex color 6BFE96 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 6BFE96 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

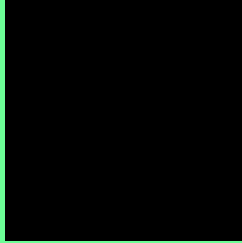
Any Text WCAG AA ✓ Pass

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 6BFE96 Background



This preview shows how black text looks on a background with the Hex color 6BFE96.

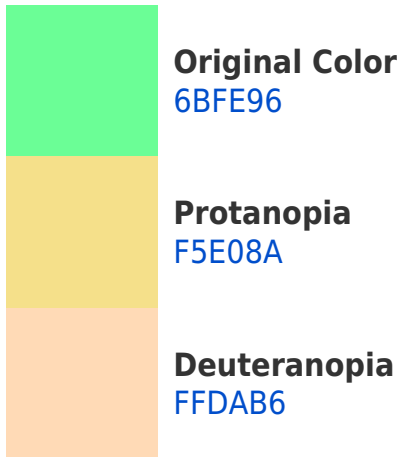


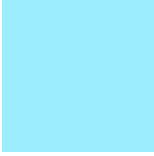
This preview shows how white text looks on a background with the Hex color 6BFE96.

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



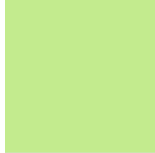


Tritanopia
9CEEFF

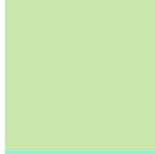
Trichromacy



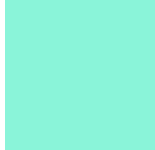
Original Color
6BFE96



Protanomaly
C3EB8E



Deuteranomaly
C9E7AA

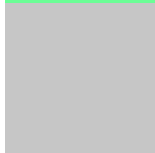


Tritanomaly
8AF4D9

Monochromacy



Original Color
6BFE96



Achromatopsia
C6C6C6



Achromatomaly
A5DAB5

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BFE96 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 #6BFE96 looks like.

```
.text, #text, p{  
    color:#6BFE96  
}
```

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 #6BFE96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFE96
}
```

Border

The CSS property to change the border of an element to Hex 6BFE96 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
#6BFE96 }
```

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

```
.border{ border-color:#6BFE96 }
```

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

Here you see how a box with a 4 pixel #6BFE96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BFE96; -webkit-box-shadow:4px 4px  
4px 4px #6BFE96; box-shadow:4px 4px 4px  
4px #6BFE96 }
```

Background

The CSS property to change the background color of an element to Hex 6BFE96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFE96 }
```

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

```
.background{ background-color:#6BFE96 }
```

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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