

Converting Colors

Hex(6BFFD2)

Have a look what the booklet for
Hex(6BFFD2) contains.

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Color

Hex(6BFFD2)

Conversions

Conversions Part 1

Format	Color
Hex	6BFFD2
RGB	107, 255, 210
RGB Percent	42%, 100%, 82%
CMY	0.5804, 0.0000, 0.1765
CMYK	0.58, 0.00, 0.18, 0.00
HSL	162°, 100%, 71%
HSV	162°, 58%, 100%
XYZ	53.4563, 79.2989, 73.4616
YIQ	205.6180, -73.7630, -45.3710

Conversions

Conversions Part 2

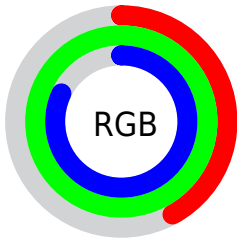
Format	Color
RYB	107, 194, 255
Decimal	7077842
CIELab	91.37, -50.08, 9.71
CIElCh	91, 51.010, 169.031
Yxy	79.2989, 0.2592, 0.3845
Android (android.graphics.Color)	4285267922 (0xFF6BFFD2)
YUV	205.6180, 2.1603, -86.4880
Hunter-Lab	89.0500, -48.6847, 13.4238

Details

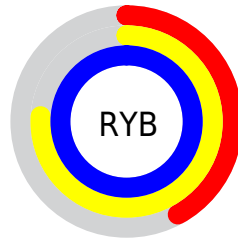
The Hex color **6BFFD2** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **FF6B98**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **A9FFFF**, and **1BC59C** is the 20% darker color. If you saturate the color by 10%, you get **52FFCA**, and if you desaturate by 10%, it is **85FFDA**.

Distribution



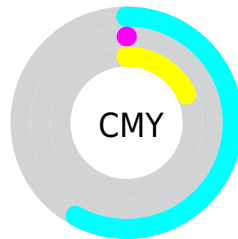
- Red (42%)
- Green (100%)
- Blue (82%)



- Red (42%)
- Yellow (76%)
- Blue (100%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)



- Cyan (58%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BFFD2 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 6BFFD2 by changing the saturation by 10% instead.

 6BFFD2

FFFFFF

 A9FFFF

 C8FFFF

 E6FFFF

 6BFFD2

 49E2B6

 1BC59C

 00AA81

 008E68

 007450

 005A39

 004124

 002C0F

 000900

 6BFFD2

 6BFFD2

 52FFCA

 85FFDA

 38FFC2

 9EFFE2

 1FFFBB

 B8FFE9

 05FFB3

 D1FFF1

 00FFB1

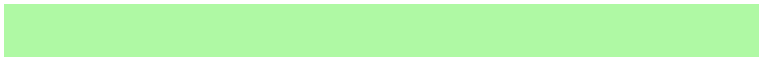
 EBFFF9

FFFFFF

Harmonies

Analogous

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



AFF9A4



6BFFD2



00FFFF

Triad

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



6BFFD2



D1E0FF



FFCC9E

Complementary

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



6BFFD2



FF6B98

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.



FFC1C9



6BFFD2



FFCEFF

Square

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



6BFFD2



79F1FF



FFC1FA



FFDD86

Rectangle

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



6BFFD2



00FEFF



FFC1FA



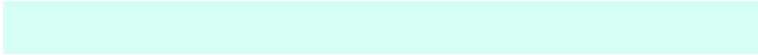
FFC7AB

Sweetspot

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



6BFFD2



D4FFF2



9AFF6B



668078



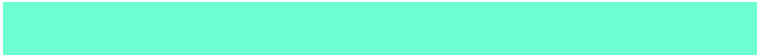
000000



808080

Same Dimension

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



6BFFD2



4DFFC9



6BE4FF



73807C



00BF85



00402C

Inverse Universe

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



FF6B98



FF4D83



FF866B



807377



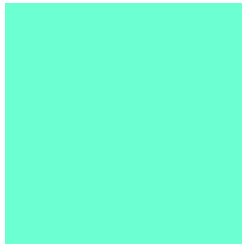
BF003A



400013

Previews

White Background



This preview shows how the Hex color 6BFFD2 looks on a white background.

Color Contrast Check

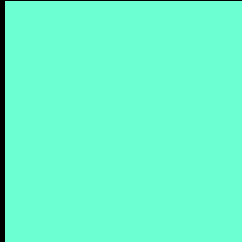
Large Text (above 18pt) WCAG AA × Fail

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 6BFFD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

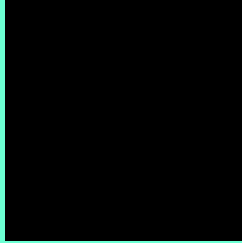
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

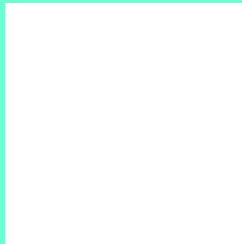
Any Text WCAG AAA ✓ Pass

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

Hex 6BFFD2 Background



This preview shows how black text looks on a background with the Hex color 6BFFD2.

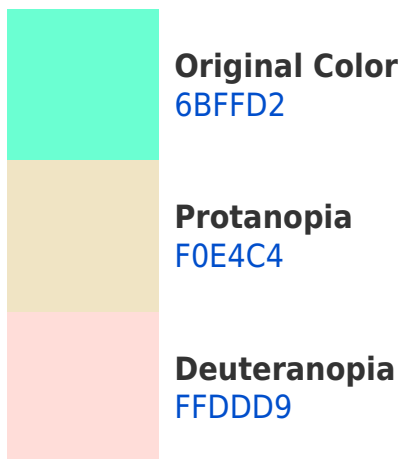


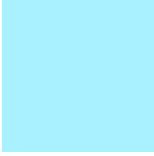
This preview shows how white text looks on a background with the Hex color 6BFFD2.

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



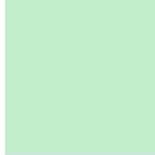


Tritanopia
A9F1FF

Trichromacy



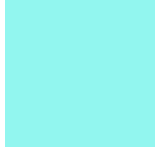
Original Color
6BFFD2



Protanomaly
C0EEC9



Deuteranomaly
C9E9D6

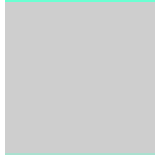


Tritanomaly
92F6EF

Monochromacy



Original Color
6BFFD2



Achromatopsia
CECECE



Achromatomaly
AAE0CF

CSS Examples

Text

The CSS property to change the color of the text to Hex 6BFFD2 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 #6BFFD2 looks like.

```
.text, #text, p{  
    color:#6BFFD2  
}
```

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 #6BFFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BFFD2
}
```

Border

The CSS property to change the border of an element to Hex 6BFFD2 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
#6BFFD2 }
```

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

```
.border{ border-color:#6BFFD2 }
```

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

Here you see how a box with a 4 pixel #6BFFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BFFD2; -webkit-box-shadow:4px 4px  
4px 4px #6BFFD2; box-shadow:4px 4px 4px  
4px #6BFFD2 }
```

Background

The CSS property to change the background color of an element to Hex 6BFFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BFFD2 }
```

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

```
.background{ background-color:#6BFFD2 }
```

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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