

Converting Colors

Hex(6FF2B1)

Have a look what the booklet for
Hex(6FF2B1) contains.

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Color

Hex(6FF2B1)

Conversions

Conversions Part 1

Format	Color
Hex	6FF2B1
RGB	111, 242, 177
RGB Percent	44%, 95%, 69%
CMY	0.5647, 0.0510, 0.3059
CMYK	0.54, 0.00, 0.27, 0.05
HSL	150°, 83%, 69%
HSV	150°, 54%, 95%
XYZ	46.2435, 70.0581, 52.6803
YIQ	195.4210, -57.2110, -47.9870

Conversions

Conversions Part 2

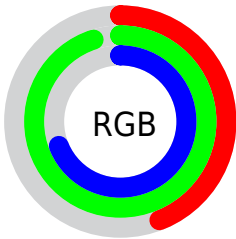
Format	Color
RYB	111, 198, 242
Decimal	7336625
CIELab	87.03, -50.82, 20.62
CIELCh	87, 54.844, 157.915
Yxy	70.0581, 0.2737, 0.4146
Android (android.graphics.Color)	4285526705 (0xFF6FF2B1)
YUV	195.4210, -9.0816, -74.0372
Hunter-Lab	83.7007, -47.8575, 21.2741

Details

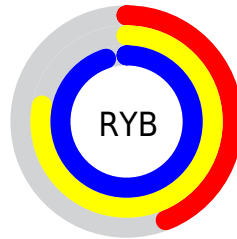
The Hex color **6FF2B1** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **F26FB0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **ABFFE9**, and **2CB97C** is the 20% darker color. If you saturate the color by 10%, you get **57F2A5**, and if you desaturate by 10%, it is **87F2BD**.

Distribution



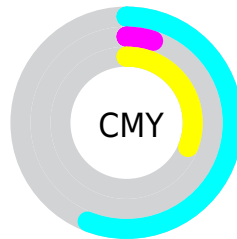
- Red (44%)
- Green (95%)
- Blue (69%)



- Red (44%)
- Yellow (78%)
- Blue (95%)



- Cyan (54%)
- Magenta (0%)
- Yellow (27%)
- Black (5%)



- Cyan (56%)
- Magenta (5%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FF2B1 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 6FF2B1 by changing the saturation by 10% instead.

 6FF2B1

 6FF2B1

FFFFFF

 50D596

 ABFFE9

 2CB97C

 C8FFFF

 009D63

 E7FFFF

 00834B

 006834

 004F1E

 003707

 002000

 000000

 6FF2B1

 6FF2B1

 57F2A5

 87F2BD

 3FF299

 9FF2C9

 26F28D

 B8F2D5

 0EF281

 D0F2E1

 00F27A

 E8F2ED

 FFF2F9

 FFF2FF

Harmonies

Analogous

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



B5E985



6FF2B1



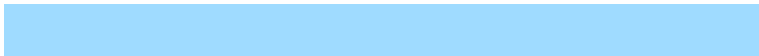
00F5E7

Triad

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



6FF2B1



9FDBFF



FFB89D

Complementary

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



6FF2B1



F26FB0

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.



FFAFCE



6FF2B1



F1C7FF

Square

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



6FF2B1



00EAFB



FFB6FF



FFC97A

Rectangle

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



6FF2B1



00F4FF



FFB6FF



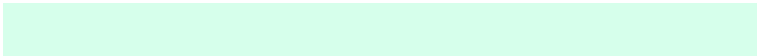
FFB4AC

Sweetspot

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



6FF2B1



D6FFEB



B0F26F



678073



000000



808080

Same Dimension

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



6FF2B1



59FFAD



6FF2F2



6C7872



00B85D



00381C

Inverse Universe

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



F26FB0



FF59AB



F26F6F



786C72



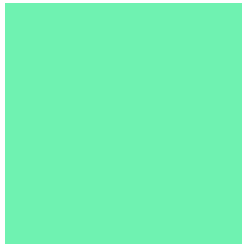
B8005B



38001C

Previews

White Background



This preview shows how the Hex color 6FF2B1 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 6FF2B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

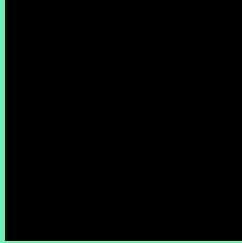
Any Text WCAG AA ✓ Pass

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 6FF2B1 Background



This preview shows how black text looks on a background with the Hex color 6FF2B1.

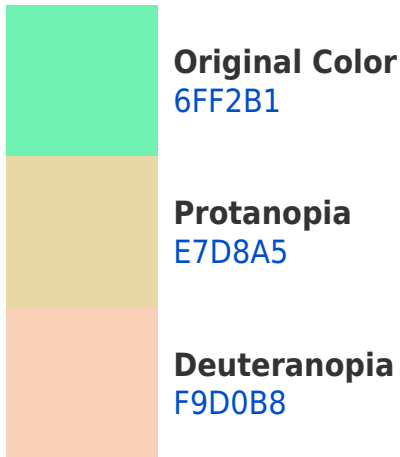


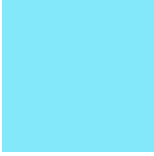
This preview shows how white text looks on a background with the Hex color 6FF2B1.

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
84E8FB

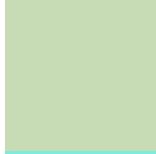
Trichromacy



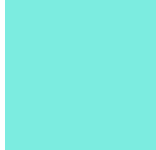
Original Color
6FF2B1



Protanomaly
BBE1A9



Deuteranomaly
C7DCB5

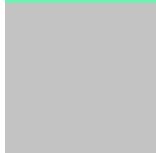


Tritanomaly
7CECE0

Monochromacy



Original Color
6FF2B1



Achromatopsia
C3C3C3



Achromatomaly
A4D4BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FF2B1 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 #6FF2B1 looks like.

```
.text, #text, p{  
    color:#6FF2B1  
}
```

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 #6FF2B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FF2B1
}
```

Border

The CSS property to change the border of an element to Hex 6FF2B1 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
#6FF2B1 }
```

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

```
.border{ border-color:#6FF2B1 }
```

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

Here you see how a box with a 4 pixel #6FF2B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FF2B1; -webkit-box-shadow:4px 4px  
4px 4px #6FF2B1; box-shadow:4px 4px 4px  
4px #6FF2B1 }
```

Background

The CSS property to change the background color of an element to Hex 6FF2B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FF2B1 }
```

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

```
.background{ background-color:#6FF2B1 }
```

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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