

Converting Colors

Hex(6FD6B1)

Have a look what the booklet for
Hex(6FD6B1) contains.

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Color

Hex(6FD6B1)

Conversions

Conversions Part 1

Format	Color
Hex	6FD6B1
RGB	111, 214, 177
RGB Percent	44%, 84%, 69%
CMY	0.5647, 0.1608, 0.3059
CMYK	0.48, 0.00, 0.17, 0.16
HSL	158°, 56%, 64%
HSV	158°, 48%, 84%
XYZ	38.5379, 54.6470, 50.1117
YIQ	178.9850, -49.5110, -33.3430

Conversions

Conversions Part 2

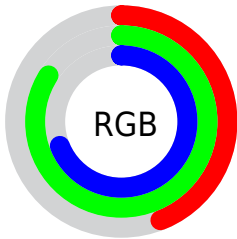
Format	Color
RYB	111, 174, 214
Decimal	7329457
CIELab	78.84, -38.71, 9.10
CIELCh	79, 39.765, 166.774
Yxy	54.6470, 0.2689, 0.3814
Android (android.graphics.Color)	4285519537 (0xFF6FD6B1)
YUV	178.9850, -0.9786, -59.6228
Hunter-Lab	73.9236, -36.3105, 11.5547

Details

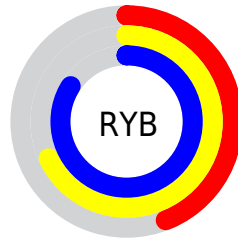
The Hex color **6FD6B1** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66F94**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **A8FFE9**, and **349F7C** is the 20% darker color. If you saturate the color by 10%, you get **5AD6A9**, and if you desaturate by 10%, it is **84D6B9**.

Distribution



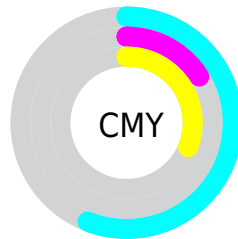
- Red (44%)
- Green (84%)
- Blue (69%)



- Red (44%)
- Yellow (68%)
- Blue (84%)



- Cyan (48%)
- Magenta (0%)
- Yellow (17%)
- Black (16%)



- Cyan (56%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FD6B1 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 6FD6B1 by changing the saturation by 10% instead.

 6FD6B1

FFFFFF

 A8FFE9

 C5FFFF

 E2FFFF

 6FD6B1

 52BA96

 349F7C

 068463

 006A4C

 005135

 003920

 002508

 000000

 6FD6B1

 6FD6B1

 5AD6A9

 84D6B9

 44D6A2

 9AD6C0

 2FD69A

 AFD6C8

 19D692

 C5D6D0

 04D68B

 DAD6D7

 00D689

 EFD6DF

 FFD6E7

 FFD6EE

 FFD6F6

Harmonies

Analogous

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



9DD18F



6FD6B1



40D7D7

Triad

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



6FD6B1



B0C0FF



FFAF8F

Complementary

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



6FD6B1



D66F94

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.



FFA7B0



6FD6B1



E1B2F6

Square

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



6FD6B1



73CCFF



FFA8D5



EABB7B

Rectangle

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



6FD6B1



33D5EE



FFA8D5



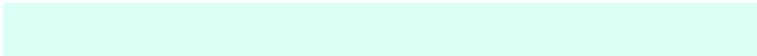
FFAC99

Sweetspot

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



6FD6B1



DBFFF2



95D66F



6A8078



000000



808080

Same Dimension

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



6FD6B1



6BFFCA



6FC8D6



606B67



00AB6D



002B1C

Inverse Universe

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



D66F94



FF6BA0



D67D6F



6B6064



AB003D



2B0010

Previews

White Background



This preview shows how the Hex color 6FD6B1 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 6FD6B1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

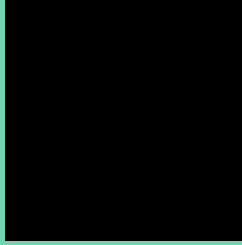
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

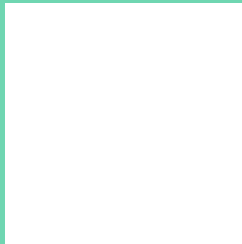
Any Text WCAG AAA ✓ Pass

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

Hex 6FD6B1 Background



This preview shows how black text looks on a background with the Hex color 6FD6B1.

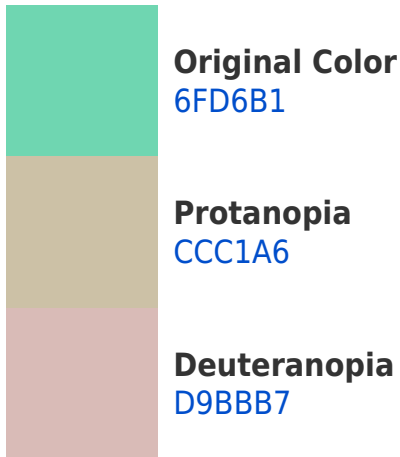


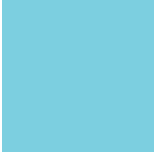
This preview shows how white text looks on a background with the Hex color 6FD6B1.

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
7CCFE0

Trichromacy



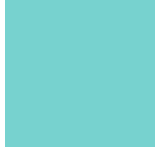
Original Color
6FD6B1



Protanomaly
AAC9AA



Deuteranomaly
B2C5B5

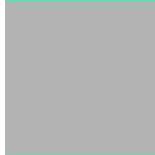


Tritanomaly
77D2CF

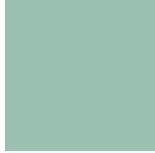
Monochromacy



Original Color
6FD6B1



Achromatopsia
B3B3B3



Achromatomaly
9AC0B2

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FD6B1 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 #6FD6B1 looks like.

```
.text, #text, p{  
    color:#6FD6B1  
}
```

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 #6FD6B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD6B1
}
```

Border

The CSS property to change the border of an element to Hex 6FD6B1 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
#6FD6B1 }
```

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

```
.border{ border-color:#6FD6B1 }
```

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

Here you see how a box with a 4 pixel #6FD6B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD6B1; -webkit-box-shadow:4px 4px  
4px 4px #6FD6B1; box-shadow:4px 4px 4px  
4px #6FD6B1 }
```

Background

The CSS property to change the background color of an element to Hex 6FD6B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD6B1 }
```

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

```
.background{ background-color:#6FD6B1 }
```

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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