

Converting Colors

Hex(6FD6B9)

Have a look what the booklet for
Hex(6FD6B9) contains.

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Color

Hex(6FD6B9)

Conversions

Conversions Part 1

Format	Color
Hex	6FD6B9
RGB	111, 214, 185
RGB Percent	44%, 84%, 73%
CMY	0.5647, 0.1608, 0.2745
CMYK	0.48, 0.00, 0.14, 0.16
HSL	163°, 56%, 64%
HSV	163°, 48%, 84%
XYZ	39.3591, 54.9754, 54.4358
YIQ	179.8970, -52.0790, -30.8550

Conversions

Conversions Part 2

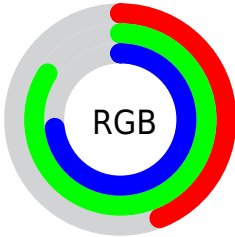
Format	Color
RYB	111, 171, 214
Decimal	7329465
CIELab	79.03, -36.92, 5.11
CIELCh	79, 37.269, 172.127
Yxy	54.9754, 0.2646, 0.3695
Android (android.graphics.Color)	4285519545 (0xFF6FD6B9)
YUV	179.8970, 2.5158, -60.4227
Hunter-Lab	74.1454, -35.0002, 8.3725

Details

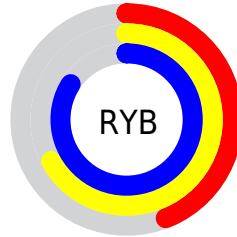
The Hex color **6FD6B9** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D66F8C**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **A8FFF1**, and **339F84** is the 20% darker color. If you saturate the color by 10%, you get **5AD6B3**, and if you desaturate by 10%, it is **84D6BF**.

Distribution



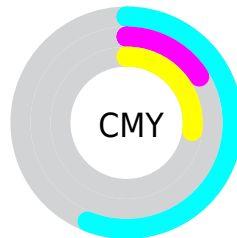
- Red (44%)
- Green (84%)
- Blue (73%)



- Red (44%)
- Yellow (67%)
- Blue (84%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (16%)



- Cyan (56%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6FD6B9 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 6FD6B9 by changing the saturation by 10% instead.



6FD6B9



6FD6B9

FFFFFF



52BA9E



A8FFF1



339F84



C5FFFF



04846B



E3FFFF



006A53



00513C



003A26



002511



000000



6FD6B9



6FD6B9

 5AD6B3

 84D6BF

 44D6AD

 9AD6C5

 2FD6A7

 AFD6CB

 19D6A1

 C5D6D1

 04D69B

 DAD6D7

 00D69A

 EFD6DD

 FFD6E3

 FFD6E9

 FFD6EF

Harmonies

Analogous

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



99D298



6FD6B9



4CD6DD

Triad

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



6FD6B9



BBEFF



FDB38E

Complementary

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



6FD6B9



D66F8C

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.



FFABAB



6FD6B9



E7B2EF

Square

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



6FD6B9



86CAFF



FFAACE



E4BE7F

Rectangle

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



6FD6B9



4BD4F1



FFAACE



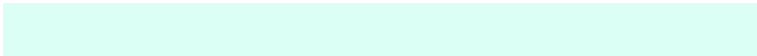
FFAF97

Sweetspot

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



6FD6B9



DBFFF5



8CD66F



6A8079



000000



808080

Same Dimension

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



6FD6B9



6BFFD5



6FC0D6



606B68



00AB7B



002B1F

Inverse Universe

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



D66F8C



FF6B95



D6856F



6B6063



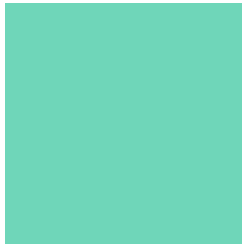
AB0030



2B000C

Previews

White Background



This preview shows how the Hex color 6FD6B9 looks on a white background.

Color Contrast Check

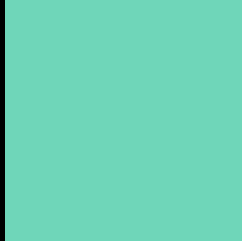
Large Text (above 18pt) WCAG AA × Fail

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 6FD6B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

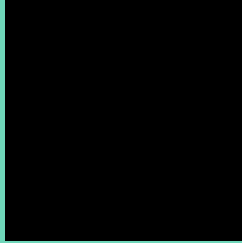
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

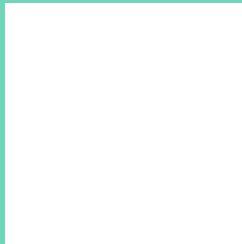
Any Text WCAG AAA ✓ Pass

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

Hex 6FD6B9 Background



This preview shows how black text looks on a background with the Hex color 6FD6B9.



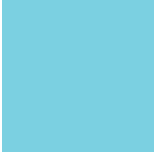
This preview shows how white text looks on a background with the Hex color 6FD6B9.

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
7BD0E1

Trichromacy



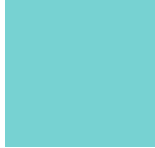
Original Color
6FD6B9



Protanomaly
AAC9B2



Deuteranomaly
B1C5BD

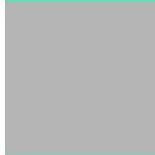


Tritanomaly
77D2D2

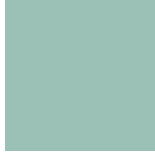
Monochromacy



Original Color
6FD6B9



Achromatopsia
B4B4B4



Achromatomaly
9BC0B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 6FD6B9 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 #6FD6B9 looks like.

```
.text, #text, p{  
    color:#6FD6B9  
}
```

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 #6FD6B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6FD6B9
}
```

Border

The CSS property to change the border of an element to Hex 6FD6B9 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
#6FD6B9 }
```

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

```
.border{ border-color:#6FD6B9 }
```

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

Here you see how a box with a 4 pixel #6FD6B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6FD6B9; -webkit-box-shadow:4px 4px  
4px 4px #6FD6B9; box-shadow:4px 4px 4px  
4px #6FD6B9 }
```

Background

The CSS property to change the background color of an element to Hex 6FD6B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6FD6B9 }
```

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

```
.background{ background-color:#6FD6B9 }
```

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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