

Converting Colors

Hex(6DCFB9)

Have a look what the booklet for
Hex(6DCFB9) contains.

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Color

Hex(6DCFB9)

Conversions

Conversions Part 1

Format	Color
Hex	6DCFB9
RGB	109, 207, 185
RGB Percent	43%, 81%, 73%
CMY	0.5725, 0.1882, 0.2745
CMYK	0.47, 0.00, 0.11, 0.19
HSL	167°, 51%, 62%
HSV	167°, 47%, 81%
XYZ	37.3765, 51.3796, 53.8463
YIQ	175.1900, -51.3460, -27.6180

Conversions

Conversions Part 2

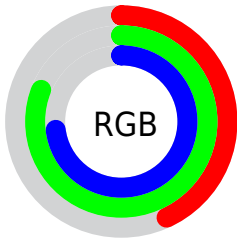
Format	Color
RYB	109, 164, 207
Decimal	7196601
CIELab	76.91, -34.15, 2.03
CIELCh	77, 34.211, 176.602
Yxy	51.3796, 0.2621, 0.3603
Android (android.graphics.Color)	4285386681 (0xFF6DCFB9)
YUV	175.1900, 4.8363, -58.0486
Hunter-Lab	71.6796, -32.3626, 5.6366

Details

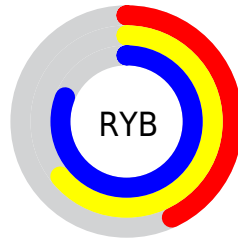
The Hex color **6DCFB9** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **CF6D83**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **A6FFF1**, and **329884** is the 20% darker color. If you saturate the color by 10%, you get **58CFB4**, and if you desaturate by 10%, it is **82CFBE**.

Distribution



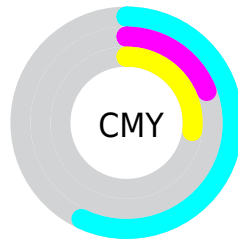
- Red (43%)
- Green (81%)
- Blue (73%)



- Red (43%)
- Yellow (64%)
- Blue (81%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (19%)



- Cyan (57%)
- Magenta (19%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6DCFB9 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 6DCFB9 by changing the saturation by 10% instead.

 6DCFB9

 6DCFB9

FFFFFF

 50B39E

 A6FFF1

 329884

 C3FFFF

 037E6B

 E0FFFF

 006453

FEFFFF

 004C3C

 003426

 002011

 000000

 6DCFB9

 6DCFB9

 58CFB4

 82CFBE

 44CFB0

 96CFC2

 2FCFAB

 ABCFC7

 1ACFA6

 C0CFCC

 06CFA2

 D4CFD0

 00CFA1

 E9CFD5

 FECFDA

 FFCFDE

 FFCFE3

Harmonies

Analogous

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



92CC9A



6DCFB9



55CFD9

Triad

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



6DCFB9



BDB7F6



F0B08A

Complementary

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



6DCFB9



CF6D83

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.



FCA8A3



6DCFB9



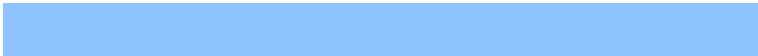
E3ACE1

Square

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



6DCFB9



8EC2FD



F9A6C3



D7BB7F

Rectangle

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



6DCFB9



59CCEB



F9A6C3



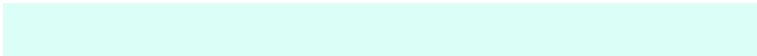
F6AD91

Sweetspot

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



6DCFB9



DBFFF7



84CF6D



6A807B



000000



808080

Same Dimension

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



6DCFB9



6EFFDE



6DB5CF



5E6966



00A883



002920

Inverse Universe

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



CF6D83



FF6E8E



CF876D



695E60



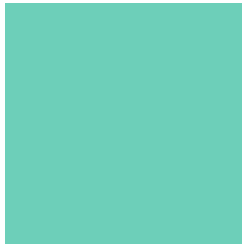
A80026



290009

Previews

White Background



This preview shows how the Hex color 6DCFB9 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 6DCFB9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

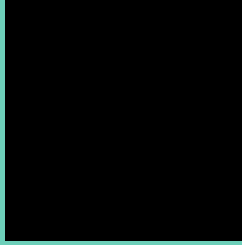
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

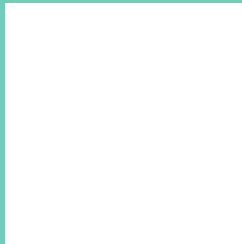
Any Text WCAG AAA ✓ Pass

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

Hex 6DCFB9 Background



This preview shows how black text looks on a background with the Hex color 6DCFB9.



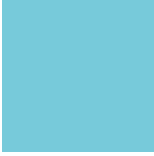
This preview shows how white text looks on a background with the Hex color 6DCFB9.

Color Blindness Simulation

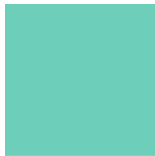
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



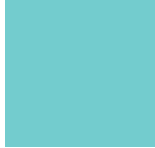
Original Color
6DCFB9



Protanomaly
A4C3B3



Deuteranomaly
ABC0BC



Tritanomaly
73CCCE

Monochromacy



Original Color
6DCFB9



Achromatopsia
AFAFAF



Achromatomaly
97BBB3

CSS Examples

Text

The CSS property to change the color of the text to Hex 6DCFB9 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 #6DCFB9 looks like.

```
.text, #text, p{  
    color:#6DCFB9  
}
```

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 #6DCFB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6DCFB9
}
```

Border

The CSS property to change the border of an element to Hex 6DCFB9 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
#6DCFB9 }
```

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

```
.border{ border-color:#6DCFB9 }
```

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

Here you see how a box with a 4 pixel #6DCFB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6DCFB9; -webkit-box-shadow:4px 4px  
4px 4px #6DCFB9; box-shadow:4px 4px 4px  
4px #6DCFB9 }
```

Background

The CSS property to change the background color of an element to Hex 6DCFB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6DCFB9 }
```

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

```
.background{ background-color:#6DCFB9 }
```

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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