Converting Colors

Hex(6DBFBA)

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

Hex(6DBFBA) 3
Conversions 4
Details 6
Harmonies 11
Previews 23
Color Blindness Simulation 26
CSS Examples 29

Color

Hex(6DBFBA)

Conversions

Conversions Part 1

Format	Color
Hex	6DBFBA
RGB	109, 191, 186
RGB Percent	43%, 75%, 73%
CMY	0.5725, 0.2510, 0.2706
CMYK	0.43, 0.00, 0.03, 0.25
HSL	176°, 39%, 59%
HSV	176°, 43%, 75%
XYZ	33.8004, 44.0580, 53.1769
YIQ	165.9120, -47.2670, -18.9390

Conversions

Conversions Part 2

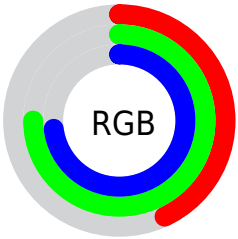
Format	Color
RYB	109, 151, 191
Decimal	7192506
CIELab	72.27, -26.22, -5.32
CIELCh	72, 26.756, 191.461
Yxy	44.0580, 0.2579, 0.3362
Android (android.graphics.Color)	4285382586 (0xFF6DBFBA)
YUV	165.9120, 9.9034, -49.9118
Hunter-Lab	66.3762, -25.2617, -1.0366

Details

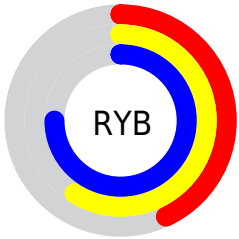
The Hex color 6DBFBA is a light color, and the websafe version is hex 66CCCC. A complement of this color would be BF6D72, and the grayscale version is A6A6A6.

A 20% lighter version of the original color is A5F8F2, and 348985 is the 20% darker color. If you saturate the color by 10%, you get 5ABFB9, and if you desaturate by 10%, it is 80BFBB.

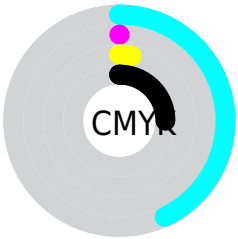
Distribution



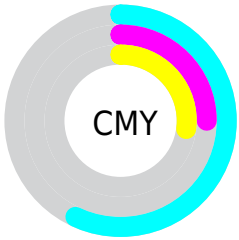
- Red (43%)
- Green (75%)
- Blue (73%)



- Red (43%)
- Yellow (59%)
- Blue (75%)



- Cyan (43%)
- Magenta (0%)
- Yellow (3%)
- Black (25%)



- Cyan (57%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients

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

6DBFBA	6DBFBA
FFFFFF	51A49F
A5F8F2	348985
C1FFFF	10706C
DEFFFF	005754
FCFFFF	003F3D
	002927
	000F13
	000000

6DBFBA	6DBFBA

5ABFB9	80BFBB
47BFB8	93BFBC
34BFB7	A6BFBD
21BFB5	B9BFBF
0DBFB4	CCBFC0
00BFB3	E0BFC1
	F3BFC2
	FFBFC3
	FFBFC4

Harmonies

Analogous

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

82BEA1

6DBFBA

6ABDD1

Triad

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

6DBFBA

C1A8D6

D1AA83

Complementary

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

6DBFBA

BF6D72

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.

DFA392

6DBFBA

D8A1C1

Square

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

6DBFBA

A0B0E1

E39FA9

B9B381

Rectangle

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

6DBFBA

76BADB

E39FA9

D7A887

Sweetspot

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

6DBFBA

D7F7F5

72BF6D

697D7C

FCFCFC

7D7D7D

Same Dimension

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

6DBFBA

77F7F0

6D9BBF

555E5E

009E94

001F1D

Inverse Universe

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

BF6D72

F7777F

BF916D

5E5555

9E000A

1F0002

Previews

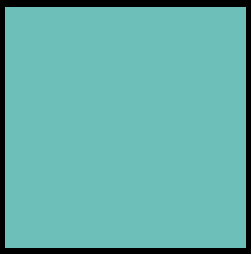
White Background

This preview shows how the Hex color 6DBFBA 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



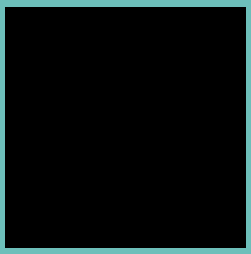
This preview shows how the Hex color 6DBFBA looks on a black background.

Color Contrast Check

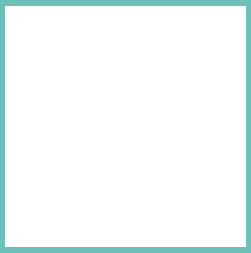
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

Hex 6DBFBA Background



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



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

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

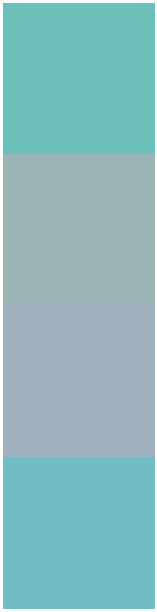
Original Color
6DBFBA

Protanopia
B3AFB1

Deuteranopia
BBABBE

Tritanopia
72BCCC

Trichromacy



Original Color
6DBFBA

Protanomaly
9AB5B4

Deuteranomaly
9FB2BD

Tritanomaly
70BDC5

Monochromacy

Original Color
6DBFBA

Achromatopsia
A6A6A6

Achromatomaly
91AFAD

CSS Examples

Text

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

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

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 #6DBFBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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