

Converting Colors

Hex(6BD9DE)

Have a look what the booklet for
Hex(6BD9DE) contains.

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Color

Hex(6BD9DE)

Conversions

Conversions Part 1

Format	Color
Hex	6BD9DE
RGB	107, 217, 222
RGB Percent	42%, 85%, 87%
CMY	0.5804, 0.1490, 0.1294
CMYK	0.52, 0.02, 0.00, 0.13
HSL	183°, 64%, 65%
HSV	183°, 52%, 87%
XYZ	44.0611, 58.0254, 77.9850
YIQ	184.6800, -67.1650, -21.7650

Conversions

Conversions Part 2

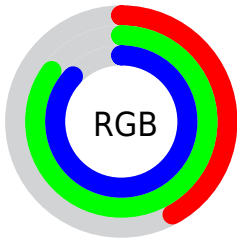
Format	Color
RYB	107, 163, 222
Decimal	7068126
CIELab	80.75, -30.07, -12.13
CIELCh	81, 32.423, 201.964
Yxy	58.0254, 0.2447, 0.3222
Android (android.graphics.Color)	4285258206 (0xFF6BD9DE)
YUV	184.6800, 18.3988, -68.1254
Hunter-Lab	76.1744, -30.0567, -7.3772

Details

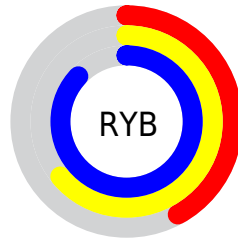
The Hex color **6BD9DE** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DE706B**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **A6FFFF**, and **27A2A7** is the 20% darker color. If you saturate the color by 10%, you get **55D8DE**, and if you desaturate by 10%, it is **81DADE**.

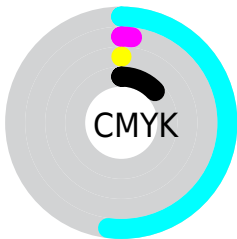
Distribution



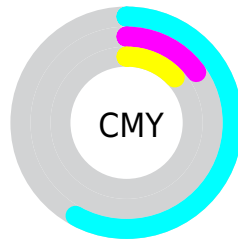
- Red (42%)
- Green (85%)
- Blue (87%)



- Red (42%)
- Yellow (64%)
- Blue (87%)



- Cyan (52%)
- Magenta (2%)
- Yellow (0%)
- Black (13%)



- Cyan (58%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BD9DE 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 6BD9DE by changing the saturation by 10% instead.

 6BD9DE

 6BD9DE

FFFFFF

 4CBDC2

 A6FFFF

 27A2A7

 C4FFFF

 00878D

 E2FFFF

 006D73

 00555B

 003D43

 00272D

 000619

 000000

 6BD9DE

 6BD9DE

 55D8DE

 81DADE

 3FD7DE

 97DBDE

 28D6DE

 AEDCDE

 12D5DE

 C4DDDE

 00D4DE

 DADEDE

 F0DFDE

 FFE0DE

 FFE1DE

 FFE2DE

Harmonies

Analogous

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



82D9BF



6BD9DE



72D5F7

Triad

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



6BD9DE



E7B9EE



E6C48D

Complementary

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



6BD9DE



DE706B

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.



FCBA9A



6BD9DE



FFB3D2

Square

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



6BD9DE



C2C4FF



FFB3B3



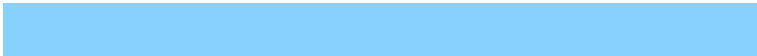
C7CD90

Rectangle

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



6BD9DE



88D1FF



FFB3B3



EEC08F

Sweetspot

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



6BD9DE



D6FDFF



6BDE6F



677E80



000000



808080

Same Dimension

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



6BD9DE



61F8FF



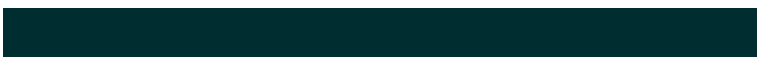
6BA1DE



657070



00A8B0



002E30

Inverse Universe

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



DE6BD9



FF61F8



DEA86B



706570



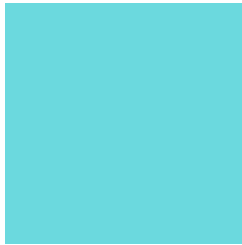
B000A8



30002E

Previews

White Background



This preview shows how the Hex color 6BD9DE looks on a white background.

Color Contrast Check

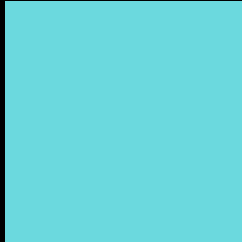
Large Text (above 18pt) WCAG AA × Fail

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 6BD9DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

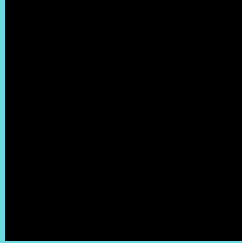
Any Text WCAG AA ✓ Pass

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 6BD9DE Background



This preview shows how black text looks on a background with the Hex color 6BD9DE.

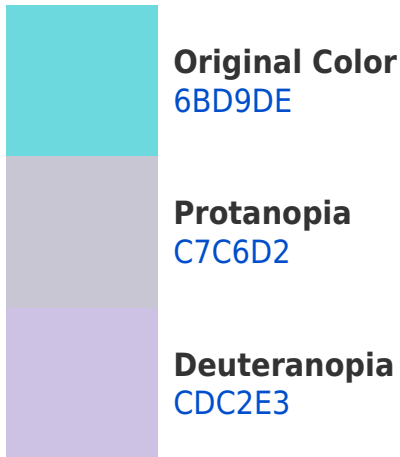


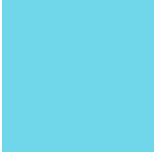
This preview shows how white text looks on a background with the Hex color 6BD9DE.

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](#).

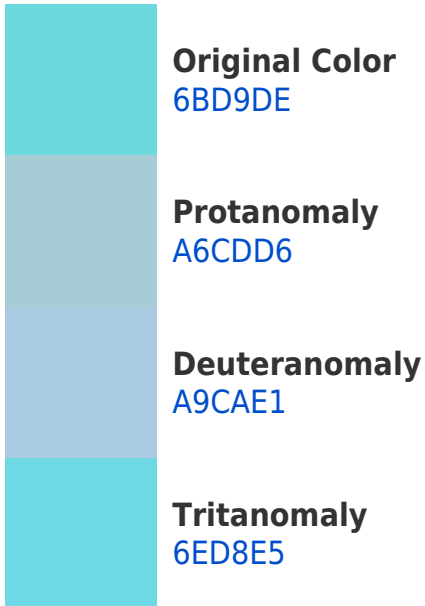
Dichromacy



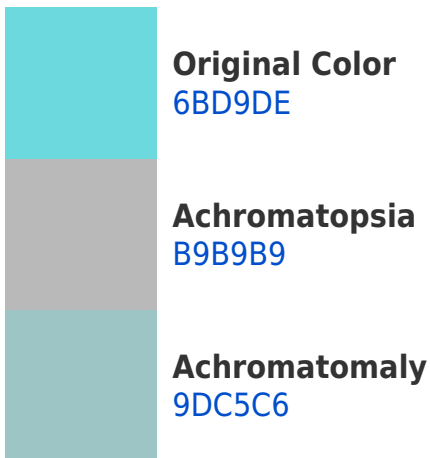


Tritanopia
6FD7E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BD9DE 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 #6BD9DE looks like.

```
.text, #text, p{  
    color:#6BD9DE  
}
```

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 #6BD9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BD9DE
}
```

Border

The CSS property to change the border of an element to Hex 6BD9DE 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
#6BD9DE }
```

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

```
.border{ border-color:#6BD9DE }
```

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

Here you see how a box with a 4 pixel #6BD9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BD9DE; -webkit-box-shadow:4px 4px  
4px 4px #6BD9DE; box-shadow:4px 4px 4px  
4px #6BD9DE }
```

Background

The CSS property to change the background color of an element to Hex 6BD9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BD9DE }
```

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

```
.background{ background-color:#6BD9DE }
```

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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