

Converting Colors

Hex(6BE3BF)

Have a look what the booklet for
Hex(6BE3BF) contains.

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Color

Hex(6BE3BF)

Conversions

Conversions Part 1

Format	Color
Hex	6BE3BF
RGB	107, 227, 191
RGB Percent	42%, 89%, 75%
CMY	0.5804, 0.1098, 0.2510
CMYK	0.53, 0.00, 0.16, 0.11
HSL	162°, 68%, 65%
HSV	162°, 53%, 89%
XYZ	42.9365, 61.8256, 58.9608
YIQ	187.0160, -59.9640, -36.6360

Conversions

Conversions Part 2

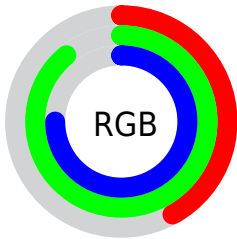
Format	Color
RYB	107, 178, 227
Decimal	7070655
CIELab	82.82, -42.30, 7.36
CIELCh	83, 42.939, 170.125
Yxy	61.8256, 0.2623, 0.3776
Android (android.graphics.Color)	4285260735 (0xFF6BE3BF)
YUV	187.0160, 1.9641, -70.1740
Hunter-Lab	78.6292, -40.1290, 10.5814

Details

The Hex color **6BE3BF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E36B8F**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **A6FFF7**, and **29AB8A** is the 20% darker color. If you saturate the color by 10%, you get **54E3B8**, and if you desaturate by 10%, it is **82E3C6**.

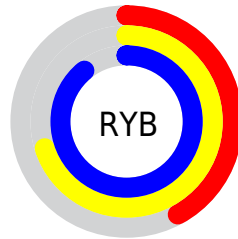
Distribution



Red (42%)

Green (89%)

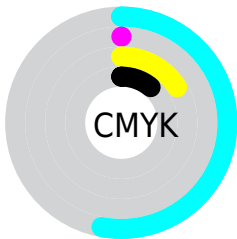
Blue (75%)



Red (42%)

Yellow (70%)

Blue (89%)

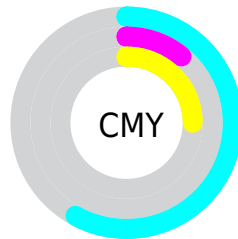


Cyan (53%)

Magenta (0%)

Yellow (16%)

Black (11%)



Cyan (58%)

Magenta (11%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6BE3BF 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 6BE3BF by changing the saturation by 10% instead.

 6BE3BF

 6BE3BF

FFFFFF

 4CC7A4

 A6FFF7

 29AB8A

 C3FFF7

 009070

 E1FFF7

 007658

 005C40


 00442A

 002D16

 001200

 000000

 6BE3BF

 6BE3BF

 54E3B8

 82E3C6

 3EE3B1

 98E3CD

 27E3AB

 AFE3D3

 10E3A4

 C6E3DA

 00E39F

 DCE3E1

 F3E3E8

 FFE3EF

 FFE3F5

 FFE3FC

Harmonies

Analogous

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



9FDE99



6BE3BF



32E4E9

Triad

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



6BE3BF



C0C9FF



FFB992

Complementary

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



6BE3BF



E36B8F

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.



FFB0B4



6BE3BF



F4BAFF

Square

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



6BE3BF



7DD6FF



FFB0DD



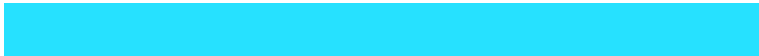
F5C77F

Rectangle

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



6BE3BF



26E1FF



FFB0DD



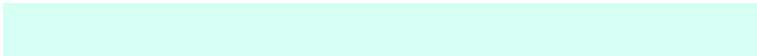
FFB59C

Sweetspot

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



6BE3BF



D6FFF3



8FE36B



678078



000000



808080

Same Dimension

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



6BE3BF



5EFFCF



6BCBE3



67736F



00B37D



003324

Inverse Universe

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



E36B8F



FF5E8F



E3836B



73676B



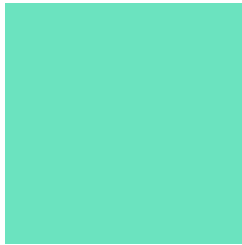
B30036



33000F

Previews

White Background



This preview shows how the Hex color 6BE3BF looks on a white background.

Color Contrast Check

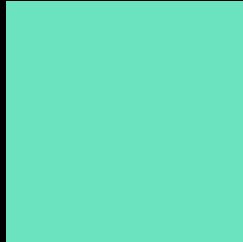
Large Text (above 18pt) WCAG AA × Fail

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 6BE3BF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

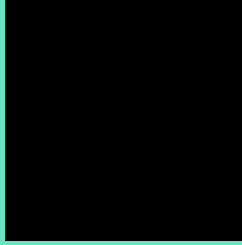
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

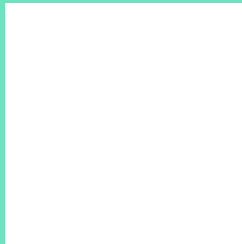
Any Text WCAG AAA ✓ Pass

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

Hex 6BE3BF Background



This preview shows how black text looks on a background with the Hex color 6BE3BF.

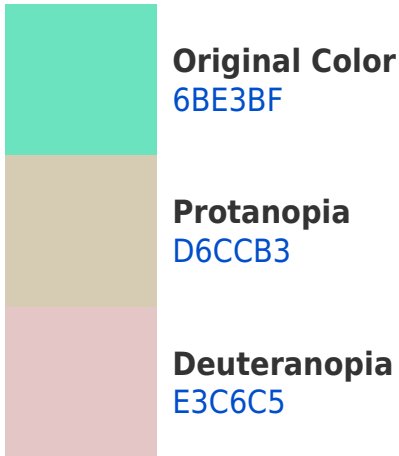


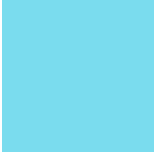
This preview shows how white text looks on a background with the Hex color 6BE3BF.

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](#).

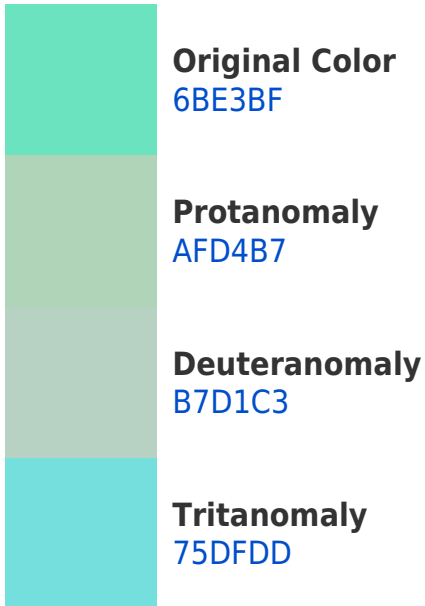
Dichromacy



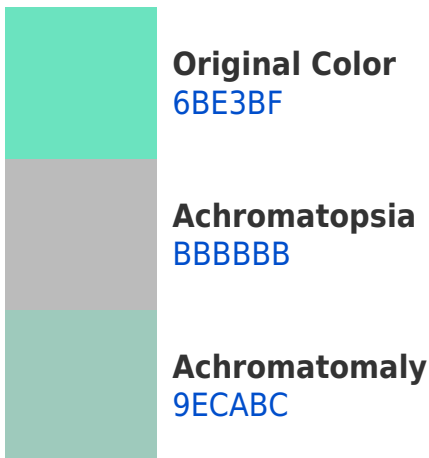


Tritanopia
7ADCEE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6BE3BF 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 #6BE3BF looks like.

```
.text, #text, p{  
    color:#6BE3BF  
}
```

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 #6BE3BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6BE3BF  
}
```

Border

The CSS property to change the border of an element to Hex 6BE3BF 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  
#6BE3BF }
```

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

```
.border{ border-color:#6BE3BF }
```

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

Here you see how a box with a 4 pixel #6BE3BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6BE3BF; -webkit-box-shadow:4px 4px  
4px 4px #6BE3BF; box-shadow:4px 4px 4px  
4px #6BE3BF }
```

Background

The CSS property to change the background color of an element to Hex 6BE3BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6BE3BF }
```

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

```
.background{ background-color:#6BE3BF }
```

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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