

Converting Colors

Hex(66B2BE)

Have a look what the booklet for
Hex(66B2BE) contains.

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Color

Hex(66B2BE)

Conversions

Conversions Part 1

Format	Color
Hex	66B2BE
RGB	102, 178, 190
RGB Percent	40%, 70%, 75%
CMY	0.6000, 0.3020, 0.2549
CMYK	0.46, 0.06, 0.00, 0.25
HSL	188°, 40%, 57%
HSV	188°, 46%, 75%
XYZ	30.6941, 38.3833, 54.5062
YIQ	156.6440, -49.1480, -12.3800

Conversions

Conversions Part 2

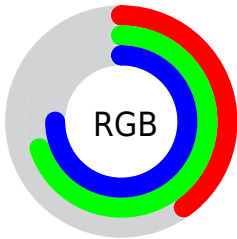
Format	Color
RYB	102, 143, 190
Decimal	6730430
CIELab	68.30, -20.33, -13.45
CIElCh	68, 24.382, 213.492
Yxy	38.3833, 0.2484, 0.3106
Android (android.graphics.Color)	4284920510 (0xFF66B2BE)
YUV	156.6440, 16.4445, -47.9228
Hunter-Lab	61.9542, -19.9852, -8.7942

Details

The Hex color **66B2BE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BE7266**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **9EEAF6**, and **2C7D89** is the 20% darker color. If you saturate the color by 10%, you get **53AFBE**, and if you desaturate by 10%, it is **79B5BE**.

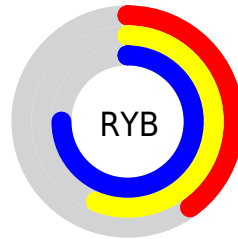
Distribution



Red (40%)

Green (70%)

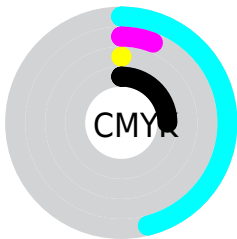
Blue (75%)



Red (40%)

Yellow (56%)

Blue (75%)

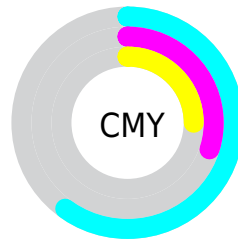


Cyan (46%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (60%)

Magenta (30%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B2BE 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 66B2BE by changing the saturation by 10% instead.

 66B2BE

 66B2BE


FFFFFF

 4A97A3

 9EEAF6

 2C7D89

 BAFFFF

 00646F

 D7FFFF

 004C57

 F5FFFF

 003540

 00202A

 000116

 000000

 66B2BE

 66B2BE

53AFBE

79B5BE

40ADBE

8CB7BE

2DAABE

9FBABE

1AA8BE

B2BCBE

07A5BE

C5BFBE

00A4BE

D8C2BE

EBC4BE

FEC7BE

FFC9BE

Harmonies

Analogous

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



6EB3A8



66B2BE



73AECD

Triad

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



66B2BE



C599BB



B4A67B

Complementary

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



66B2BE



BE7266

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.



C79F80



66B2BE



D297A5

Square

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



66B2BE



ADA0CB



D2998F



9CAD81

Rectangle

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



66B2BE



85AAD2



D2998F



BBA37B

Sweetspot

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



66B2BE



D5F3F7



66BE72



687A7D



FCFCFC



7D7D7D

Same Dimension

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



66B2BE



6DE4F7



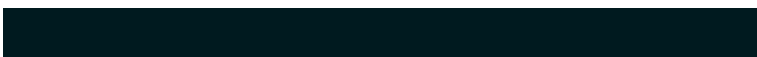
6686BE



555D5E



00899E



001A1F

Inverse Universe

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



BE66B2



F76DE4



BE9E66



5E555D



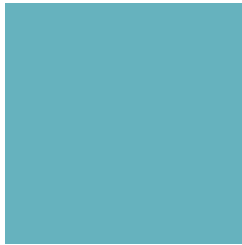
9E0089



1F001A

Previews

White Background



This preview shows how the Hex color 66B2BE looks on a white background.

Color Contrast Check

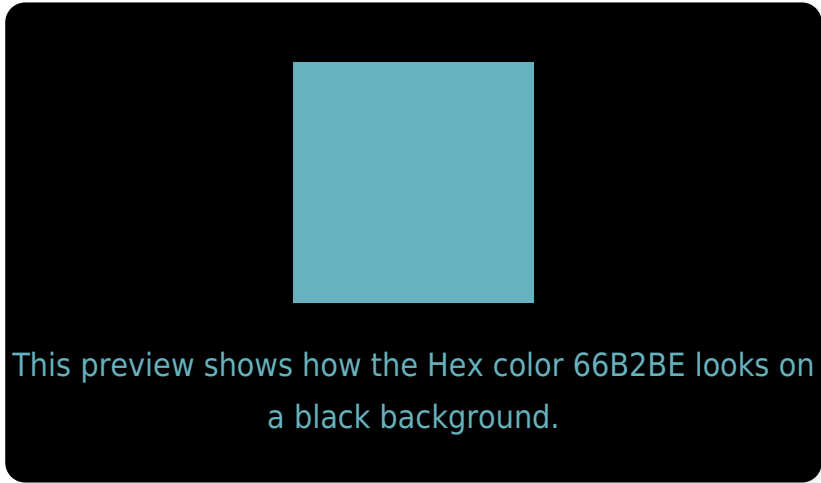
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

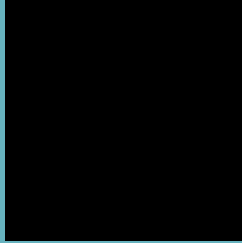
Any Text WCAG AA ✓ Pass

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 66B2BE Background



This preview shows how black text looks on a background with the Hex color 66B2BE.

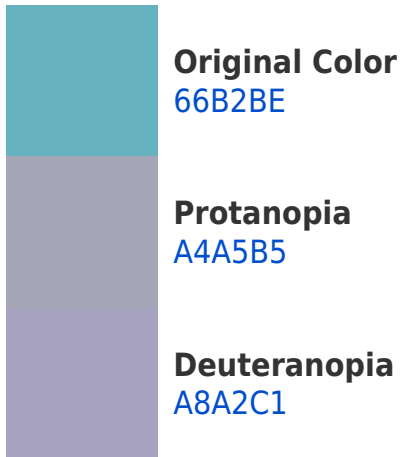


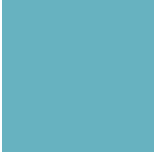
This preview shows how white text looks on a background with the Hex color 66B2BE.

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](#).

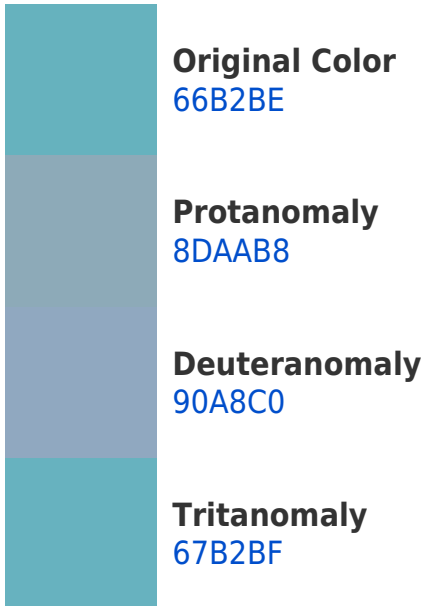
Dichromacy



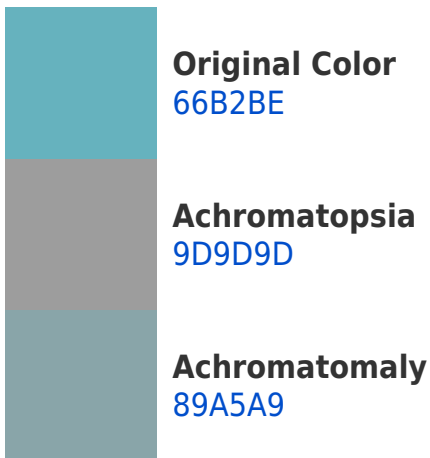


Tritanopia
67B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B2BE 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 #66B2BE looks like.

```
.text, #text, p{  
    color:#66B2BE  
}
```

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 #66B2BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B2BE
}
```

Border

The CSS property to change the border of an element to Hex 66B2BE 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
#66B2BE }
```

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

```
.border{ border-color:#66B2BE }
```

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

Here you see how a box with a 4 pixel #66B2BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B2BE; -webkit-box-shadow:4px 4px  
4px 4px #66B2BE; box-shadow:4px 4px 4px  
4px #66B2BE }
```

Background

The CSS property to change the background color of an element to Hex 66B2BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B2BE }
```

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

```
.background{ background-color:#66B2BE }
```

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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