

Converting Colors

Hex(64BEBD)

Have a look what the booklet for
Hex(64BEBD) contains.

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Color

Hex(64BEBD)

Conversions

Conversions Part 1

Format	Color
Hex	64BEBD
RGB	100, 190, 189
RGB Percent	39%, 75%, 74%
CMY	0.6078, 0.2549, 0.2588
CMYK	0.47, 0.00, 0.01, 0.25
HSL	179°, 41%, 57%
HSV	179°, 47%, 75%
XYZ	32.8543, 43.2104, 54.7529
YIQ	162.9760, -53.3190, -19.3910

Conversions

Conversions Part 2

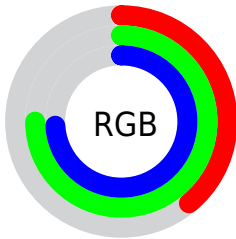
Format	Color
RYB	100, 145, 190
Decimal	6602429
CIELab	71.70, -27.10, -7.84
CIElCh	72, 28.214, 196.133
Yxy	43.2104, 0.2511, 0.3303
Android (android.graphics.Color)	4284792509 (0xFF64BEBD)
YUV	162.9760, 12.8298, -55.2300
Hunter-Lab	65.7346, -25.8208, -3.3708

Details

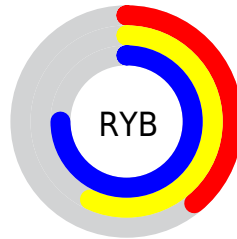
The Hex color **64BEBD** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE6465**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **9DF7F5**, and **278888** is the 20% darker color. If you saturate the color by 10%, you get **51BEBD**, and if you desaturate by 10%, it is **77BEBD**.

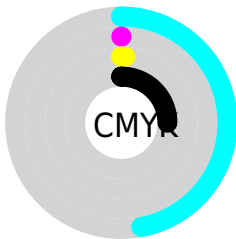
Distribution



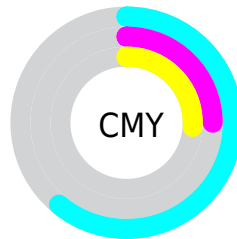
- Red (39%)
- Green (75%)
- Blue (74%)



- Red (39%)
- Yellow (57%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (1%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64BEBD 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 64BEBD by changing the saturation by 10% instead.

 64BEBD

 64BEBD

FFFFFF

 47A3A2

 9DF7F5

 278888

 B9FFFF

 006F6E

 D7FFFF

 005656

 F4FFFF

 003E3F

 002829

 000C15

 000000

 64BEBD

 64BEBD

51BEBD

77BEBD

3EBEBD

8ABEBD

2BBEBC

9DBEBE

18BEBC

B0BEBE

05BEBC

C3BEBE

00BEBC

D6BEBE

E9BEBE

FCBEBF

FFBEBF

Harmonies

Analogous

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



7ABDA2



64BEBD



64BBD4

Triad

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



64BEBD



C5A4D3



CDA A7E

Complementary

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



64BEBD



BE6465

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.



DEA28C



64BEBD



DB9EBD

Square

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



64BEBD



A3ADE1



E49DA3



B4B27E

Rectangle

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



64BEBD



74B8DE



E49DA3



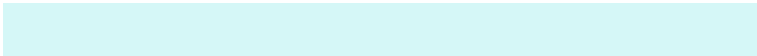
D4A781

Sweetspot

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



64BEBD



D5F7F7



66BE64



687D7D



FCFCFC



7D7D7D

Same Dimension

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



64BEED



6AF7F6



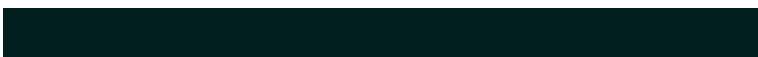
6493BE



555E5E



009E9C



001F1E

Inverse Universe

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



BE6465



F76A6C



BE9064



5E5555



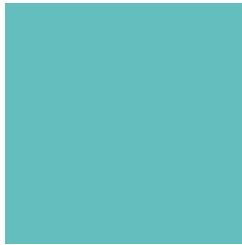
9E0002



1F0000

Previews

White Background



This preview shows how the Hex color 64BEBD looks on a white background.

Color Contrast Check

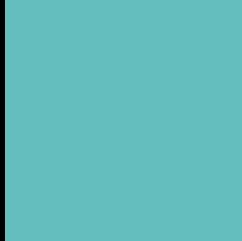
Large Text (above 18pt) WCAG AA × Fail

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 64BEBD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

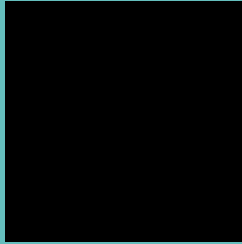
Any Text WCAG AA ✓ Pass

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 64BEBD Background



This preview shows how black text looks on a background with the Hex color 64BEBD.

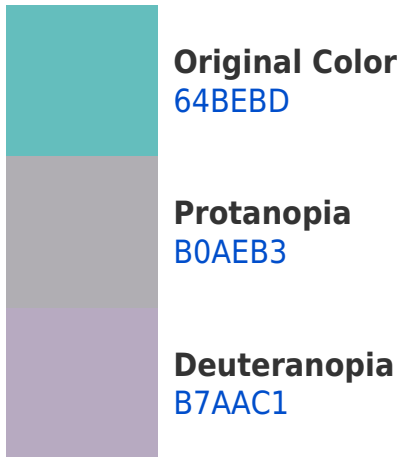


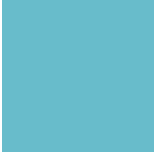
This preview shows how white text looks on a background with the Hex color 64BEBD.

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



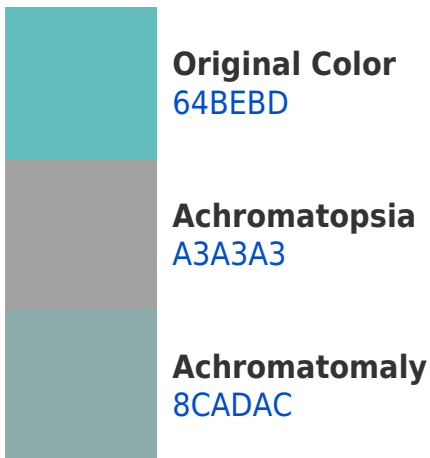


Tritanopia
68BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64BEBD 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 #64BEBD looks like.

```
.text, #text, p{  
    color:#64BEBD  
}
```

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 #64BEBD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BEBD
}
```

Border

The CSS property to change the border of an element to Hex 64BEBD 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
#64BEBD }
```

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

```
.border{ border-color:#64BEBD }
```

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

Here you see how a box with a 4 pixel #64BEBD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BEBD; -webkit-box-shadow:4px 4px  
4px 4px #64BEBD; box-shadow:4px 4px 4px  
4px #64BEBD }
```

Background

The CSS property to change the background color of an element to Hex 64BEBD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BEBD }
```

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

```
.background{ background-color:#64BEBD }
```

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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