

Converting Colors

Hex(75BBBB)

Have a look what the booklet for
Hex(75BBBB) contains.

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Color

Hex(75BBBB)

Conversions

Conversions Part 1

Format	Color
Hex	75BBBB
RGB	117, 187, 187
RGB Percent	46%, 73%, 73%
CMY	0.5412, 0.2667, 0.2667
CMYK	0.37, 0.00, 0.00, 0.27
HSL	180°, 34%, 60%
HSV	180°, 37%, 73%
XYZ	34.0761, 42.9104, 53.5002
YIQ	166.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

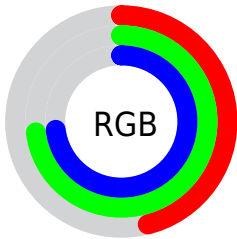
Format	Color
RYB	117, 152, 187
Decimal	7715771
CIELab	71.49, -21.93, -6.97
CIELCh	71, 23.010, 197.628
Yxy	42.9104, 0.2611, 0.3288
Android (android.graphics.Color)	4285905851 (0xFF75BBBB)
YUV	166.0700, 10.3185, -43.0344
Hunter-Lab	65.5060, -21.7803, -2.5692

Details

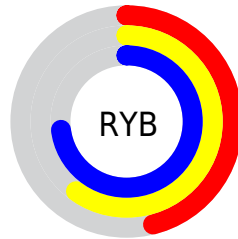
The Hex color **75BBBB** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **BB7575**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **ACF3F3**, and **3F8686** is the 20% darker color. If you saturate the color by 10%, you get **62BBBB**, and if you desaturate by 10%, it is **88BBBB**.

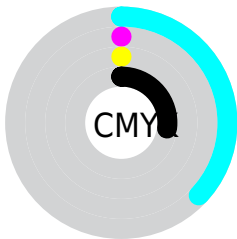
Distribution



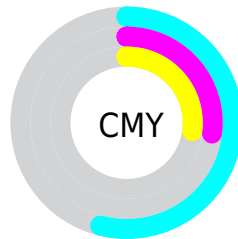
- Red (46%)
- Green (73%)
- Blue (73%)



- Red (46%)
- Yellow (60%)
- Blue (73%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (27%)



- Cyan (54%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BBBB 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 75BBBB by changing the saturation by 10% instead.

 75BBBB

 75BBBB

FFFFFF

 5AA0A0

 ACF3F3

 3F8686

 C9FFFF

 226C6D

 E5FFFF

 005454

 003C3D

 002628

 000B13

 000000

 75BBBB

 75BBBB

 62BBBB

 88BBBB

 50BBBB

 9ABBBB

 3DBBBB

 ADBBBB

 2ABBBB

 C0BBBB

 17BBBB

 D3BBBB

 05BBBB

 E5BBBB

 00BBBB

 F8BBBB

 FFBBBB

Harmonies

Analogous

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



83BAA5



75BBBB



77B9CD

Triad

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



75BBBB



C2A6CC



C7AB87

Complementary

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



75BBBB



BB7575

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.



D6A491



75BBBB



D4A1B9

Square

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



75BBBB



A7ADD7



DAA0A3



B2B287

Rectangle

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



75BBBB



83B6D5



DAA0A3



CDA889

Sweetspot

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



75BBBB



D8F2F2



75BB75



6A7A7A



FAFAFA



7A7A7A

Same Dimension

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



75BBBB



85F2F2



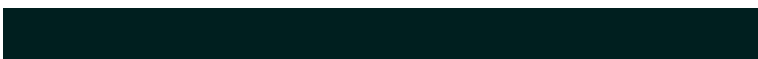
7598BB



555E5E



009E9E



001F1F

Inverse Universe

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



BB75BB



F285F2



BB9875



5E555E



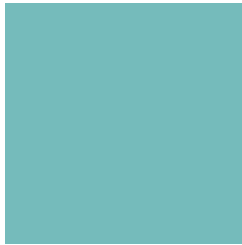
9E009E



1F001F

Previews

White Background



This preview shows how the Hex color 75BBBB looks on a white background.

Color Contrast Check

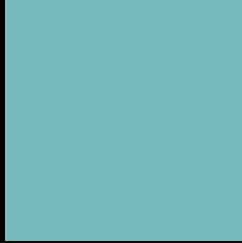
Large Text (above 18pt) WCAG AA × Fail

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 75BBBB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

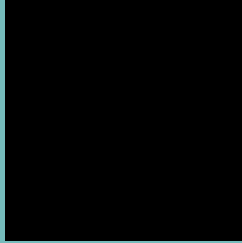
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

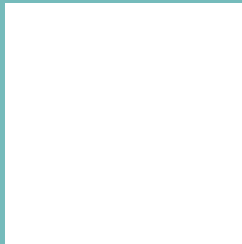
Any Text WCAG AAA ✓ Pass

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

Hex 75BBBB Background



This preview shows how black text looks on a background with the Hex color 75BBBB.

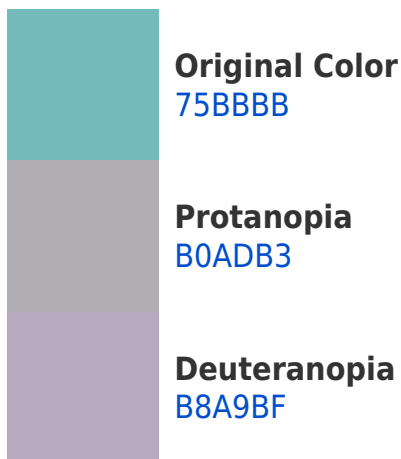


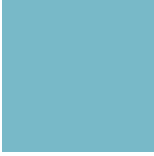
This preview shows how white text looks on a background with the Hex color 75BBBB.

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



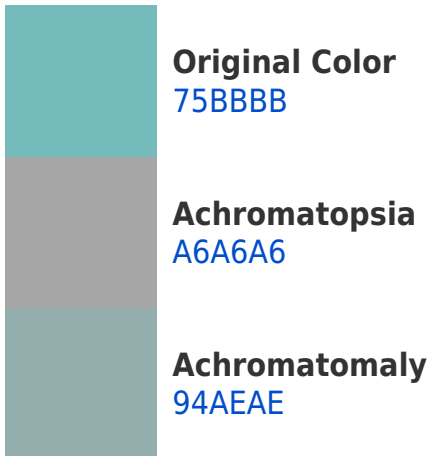


Tritanopia
78B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75BBBB 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 #75BBBB looks like.

```
.text, #text, p{  
    color:#75BBBB  
}
```

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 #75BBBB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BBBB
}
```

Border

The CSS property to change the border of an element to Hex 75BBBB 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
#75BBBB }
```

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

```
.border{ border-color:#75BBBB }
```

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

Here you see how a box with a 4 pixel #75BBBB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BBBB; -webkit-box-shadow:4px 4px  
4px 4px #75BBBB; box-shadow:4px 4px 4px  
4px #75BBBB }
```

Background

The CSS property to change the background color of an element to Hex 75BBBB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BBBB }
```

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

```
.background{ background-color:#75BBBB }
```

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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