

Converting Colors

Hex(75BEA6)

Have a look what the booklet for
Hex(75BEA6) contains.

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Color

Hex(75BEA6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 75BEA6 |
| RGB | 117, 190, 166 |
| RGB Percent | 46%, 75%, 65% |
| CMY | 0.5412, 0.2549, 0.3490 |
| CMYK | 0.38, 0.00, 0.13, 0.25 |
| HSL | 160°, 36%, 60% |
| HSV | 160°, 38%, 75% |
| XYZ | 32.6325, 43.3620, 42.7262 |
| YIQ | 165.4370, -35.8040, -22.9400 |

Conversions

Conversions Part 2

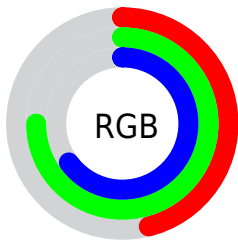
| Format | Color |
|-------------------------------------|--|
| RYB | 117, 161, 190 |
| Decimal | 7716518 |
| CIELab | 71.80, -28.34, 4.96 |
| CIELCh | 72, 28.766, 170.078 |
| Yxy | 43.3620, 0.2749, 0.3652 |
| Android (android.graphics.Color) | 4285906598 (0xFF75BEA6) |
| YUV | 165.4370, 0.2776, -42.4792 |
| Hunter-Lab | 65.8498, -26.7798, 7.6250 |

Details

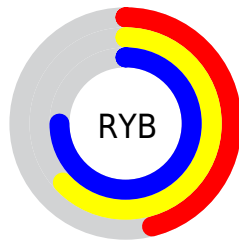
The Hex color **75BEA6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **BE758D**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ACF7DD**, and **408872** is the 20% darker color. If you saturate the color by 10%, you get **62BEA0**, and if you desaturate by 10%, it is **88BEAC**.

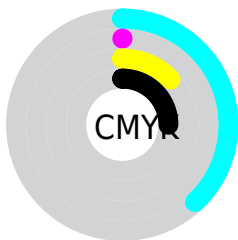
Distribution



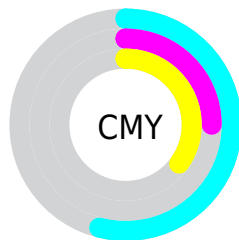
- Red (46%)
- Green (75%)
- Blue (65%)



- Red (46%)
- Yellow (63%)
- Blue (75%)



- Cyan (38%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BEA6 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 75BEA6 by changing the saturation by 10% instead.



75BEA6



75BEA6

FFFFFF



5AA38C



ACF7DD



408872



C8FFFA



246F5A



E5FFFF



005642



003E2C



002818



000C00



000000



75BEA6



75BEA6

 62BEA0

 88BEAC

 4FBE9A

 9BBEB2

 3CBE93

 AEBEB9

 29BE8D

 C1BEBF

 16BE87

 D4BEC5

 03BE81

 E7BECB

 00BE80

 FABED2

 FFBED8

 FFBEDE

Harmonies

Analogous

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



92BA8E



75BEA6



61BEC1

Triad

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



75BEA6



A8ACE1



DEA389

Complementary

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



75BEA6



BE758D

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.



E59D9F



75BEA6



C9A3D2

Square

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



75BEA6



82B5E3



DE9DBA



CBAB7D

Rectangle

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



75BEA6



60BDD1



DE9DBA



E2A08F

Sweetspot

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



75BEA6



DAF7EE



8DBE75



6B7D77



FCFCFC



7D7D7D

Same Dimension

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



75BEA6



86F7D2



75B2BE



555E5B



009E6A



001F15

Inverse Universe

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



BE758D



F786AB



BE8175



5E5558



9E0034



1F000A

Previews

White Background



This preview shows how the Hex color 75BEA6 looks on a white background.

Color Contrast Check

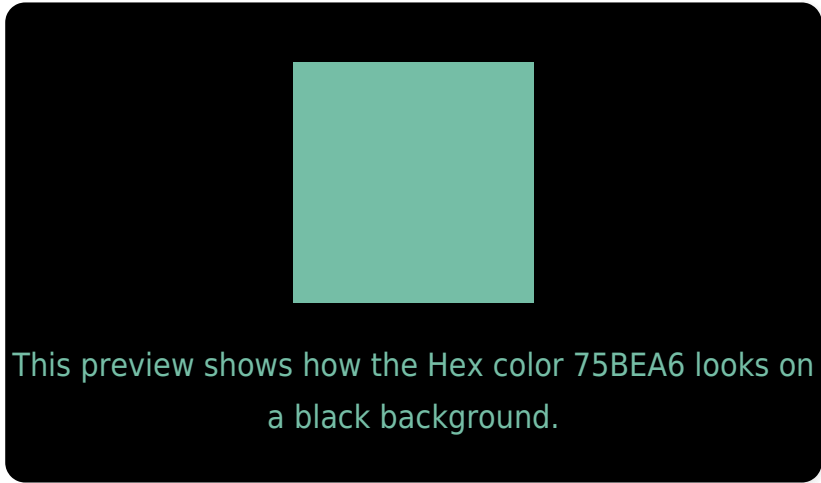
Large Text (above 18pt) WCAG AA × Fail

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

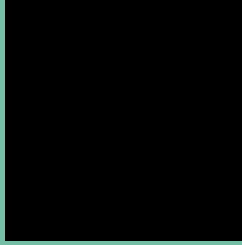
Any Text WCAG AA ✓ Pass

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 75BEA6 Background



This preview shows how black text looks on a background with the Hex color 75BEA6.



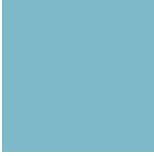
This preview shows how white text looks on a background with the Hex color 75BEA6.

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](#).

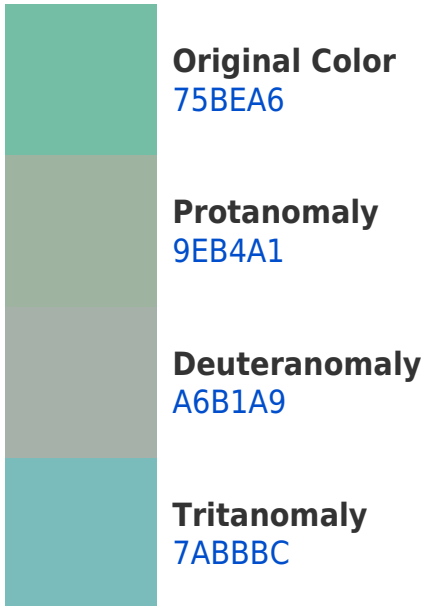
Dichromacy



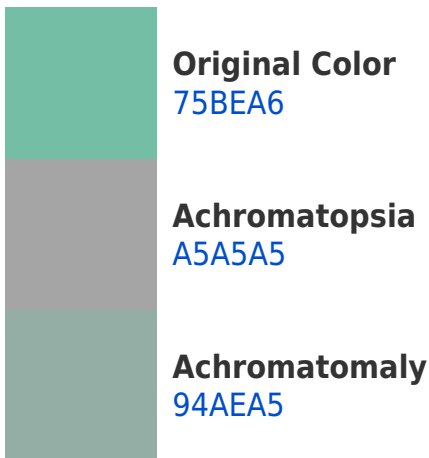


Tritanopia
7DB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75BEA6 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 #75BEA6 looks like.

```
.text, #text, p{  
    color:#75BEA6  
}
```

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 #75BEA6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BEA6
}
```

Border

The CSS property to change the border of an element to Hex 75BEA6 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
#75BEA6 }
```

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

```
.border{ border-color:#75BEA6 }
```

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

Here you see how a box with a 4 pixel #75BEA6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BEA6; -webkit-box-shadow:4px 4px  
4px 4px #75BEA6; box-shadow:4px 4px 4px  
4px #75BEA6 }
```

Background

The CSS property to change the background color of an element to Hex 75BEA6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BEA6 }
```

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

```
.background{ background-color:#75BEA6 }
```

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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