

Converting Colors

Hex(75BEA2)

Have a look what the booklet for
Hex(75BEA2) contains.

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Color

Hex(75BEA2)

Conversions

Conversions Part 1

Format	Color
Hex	75BEA2
RGB	117, 190, 162
RGB Percent	46%, 75%, 64%
CMY	0.5412, 0.2549, 0.3647
CMYK	0.38, 0.00, 0.15, 0.25
HSL	157°, 36%, 60%
HSV	157°, 38%, 75%
XYZ	32.2712, 43.2175, 40.8234
YIQ	164.9810, -34.5200, -24.1840

Conversions

Conversions Part 2

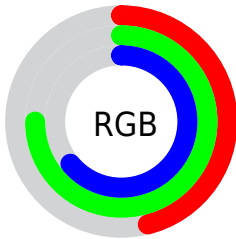
Format	Color
RYB	117, 162, 190
Decimal	7716514
CIELab	71.70, -29.21, 7.00
CIElCh	72, 30.038, 166.534
Yxy	43.2175, 0.2775, 0.3716
Android (android.graphics.Color)	4285906594 (0xFF75BEA2)
YUV	164.9810, -1.4696, -42.0793
Hunter-Lab	65.7400, -27.4209, 9.2000

Details

The Hex color **75BEA2** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BE7591**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ACF7D9**, and **40886E** is the 20% darker color. If you saturate the color by 10%, you get **62BE9B**, and if you desaturate by 10%, it is **88BEA9**.

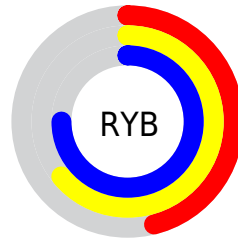
Distribution



Red (46%)

Green (75%)

Blue (64%)



Red (46%)

Yellow (64%)

Blue (75%)

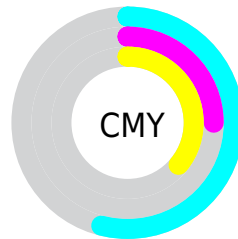


Cyan (38%)

Magenta (0%)

Yellow (15%)

Black (25%)



Cyan (54%)

Magenta (25%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BEA2 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 75BEA2 by changing the saturation by 10% instead.



75BEA2



75BEA2

FFFFFF



5AA388



ACF7D9



40886E



C8FFF5



246E56



E5FFFF



00563F



003E29



002815



000C00



000000




75BEA2



75BEA2

 62BE9B

 88BEA9

 4FBE93

 9BBEB1

 3CBE8C

 AEBEB8

 29BE85

 C1BEBF

 16BE7E

 D4BEC6

 03BE76

 E7BECE

 00BE75

 FABED5

 FFBEDC

 FFBEE4

Harmonies

Analogous

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



95BA89



75BEA2



5DBFBE

Triad

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



75BEA2



A2ADE4



E1A189

Complementary

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



75BEA2



BE7591

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.



E79CA1



75BEA2



C6A3D6

Square

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



75BEA2



7AB6E4



DE9DBD



CEAA7B

Rectangle

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



75BEA2



59BDCF



DE9DBD



E49F90

Sweetspot

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



75BEA2



DAF7EC



92BE75



6B7D76



FCFCFC



7D7D7D

Same Dimension

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



75BEA2



86F7CC



75B7BE



555E5B



009E61



001F13

Inverse Universe

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



BE7591



F786B1



BE7C75



5E5559



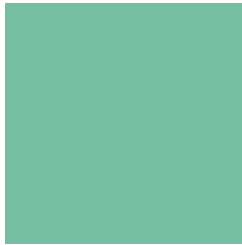
9E003D



1F000C

Previews

White Background



This preview shows how the Hex color 75BEA2 looks on a white background.

Color Contrast Check

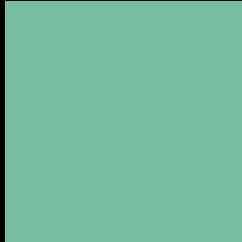
Large Text (above 18pt) WCAG AA × Fail

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 75BEA2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

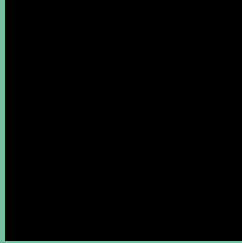
Any Text WCAG AA ✓ Pass

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 75BEA2 Background



This preview shows how black text looks on a background with the Hex color 75BEA2.

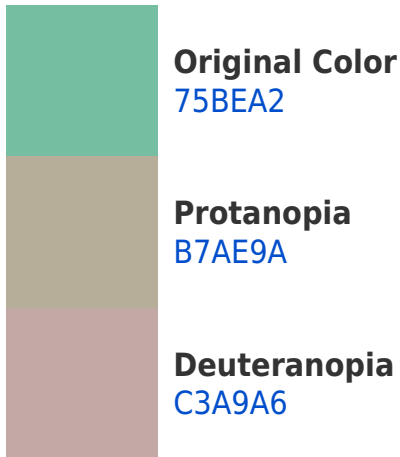


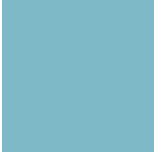
This preview shows how white text looks on a background with the Hex color 75BEA2.

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
7EB9C8

Trichromacy



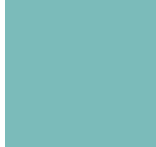
Original Color
75BEA2



Protanomaly
9FB49D



Deuteranomaly
A7B1A5



Tritanomaly
7BBBBA

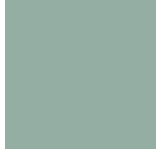
Monochromacy



Original Color
75BEA2



Achromatopsia
A5A5A5



Achromatomaly
94AEA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 75BEA2 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 #75BEA2 looks like.

```
.text, #text, p{  
    color:#75BEA2  
}
```

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 #75BEA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BEA2
}
```

Border

The CSS property to change the border of an element to Hex 75BEA2 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
#75BEA2 }
```

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

```
.border{ border-color:#75BEA2 }
```

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

Here you see how a box with a 4 pixel #75BEA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BEA2; -webkit-box-shadow:4px 4px  
4px 4px #75BEA2; box-shadow:4px 4px 4px  
4px #75BEA2 }
```

Background

The CSS property to change the background color of an element to Hex 75BEA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BEA2 }
```

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

```
.background{ background-color:#75BEA2 }
```

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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