

Converting Colors

Hex(75BF9F)

Have a look what the booklet for
Hex(75BF9F) contains.

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Color

Hex(75BF9F)

Conversions

Conversions Part 1

Format	Color
Hex	75BF9F
RGB	117, 191, 159
RGB Percent	46%, 75%, 62%
CMY	0.5412, 0.2510, 0.3765
CMYK	0.39, 0.00, 0.17, 0.25
HSL	154°, 37%, 60%
HSV	154°, 39%, 75%
XYZ	32.2249, 43.5467, 39.5078
YIQ	165.2260, -33.8320, -25.6400

Conversions

Conversions Part 2

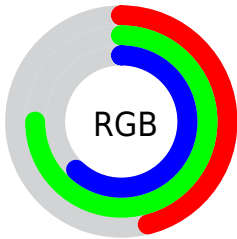
Format	Color
RYB	117, 164, 191
Decimal	7716767
CIELab	71.92, -30.34, 8.94
CIElCh	72, 31.627, 163.573
Yxy	43.5467, 0.2795, 0.3777
Android (android.graphics.Color)	4285906847 (0xFF75BF9F)
YUV	165.2260, -3.0694, -42.2942
Hunter-Lab	65.9899, -28.3153, 10.6964

Details

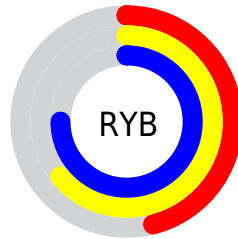
The Hex color **75BF9F** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **BF7595**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **ACF8D6**, and **40896C** is the 20% darker color. If you saturate the color by 10%, you get **62BF97**, and if you desaturate by 10%, it is **88BFA7**.

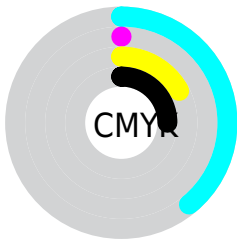
Distribution



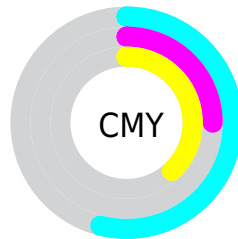
- Red (46%)
- Green (75%)
- Blue (62%)



- Red (46%)
- Yellow (64%)
- Blue (75%)



- Cyan (39%)
- Magenta (0%)
- Yellow (17%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75BF9F 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 75BF9F by changing the saturation by 10% instead.



75BF9F



75BF9F

FFFFFF



5AA485



ACF8D6



40896C



C8FFF2



246F53



E5FFFF



00573C



003F26



002812



000D00



000000




75BF9F



75BF9F

 62BF97

 88BFA7

 4FBF8E

 9BBFB0

 3CBF86

 AEBFB8

 29BF7E

 C1BFC0

 16BF76

 D4BFC8

 02BF6D

 E8BFD1

 00BF6C

 FBBFD9

 FFBFE1

 FFBFE9

Harmonies

Analogous

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



97BA86



75BF9F



58C0BD

Triad

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



75BF9F



9EAFE8



E5A08A

Complementary

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



75BF9F



BF7595

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.



EA9BA4



75BF9F



C5A4DA

Square

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



75BF9F



73B8E7



DF9DC1



D3A979

Rectangle

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



75BF9F



51BFCF



DF9DC1



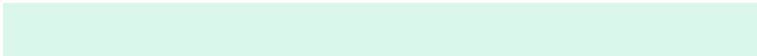
E89E92

Sweetspot

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



75BF9F



DAF7EB



95BF75



6B7D75



FCFCFC



7D7D7D

Same Dimension

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



75BF9F



86F7C6



75BABF



555E5A



009E5A



001F11

Inverse Universe

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



BF7595



F786B7



BF7A75



5E5559



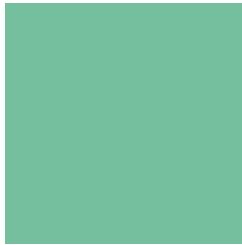
9E0044



1F000D

Previews

White Background



This preview shows how the Hex color 75BF9F looks on a white background.

Color Contrast Check

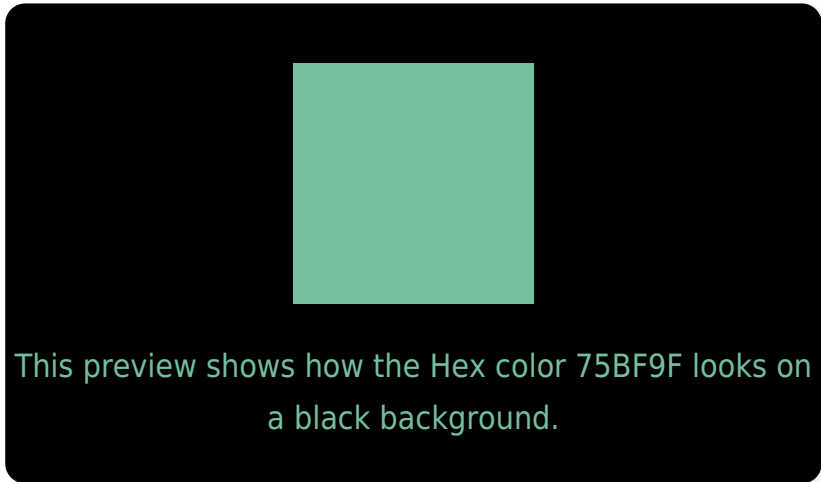
Large Text (above 18pt) WCAG AA × Fail

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

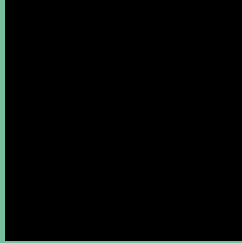
Any Text WCAG AA ✓ Pass

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 75BF9F Background



This preview shows how black text looks on a background with the Hex color 75BF9F.



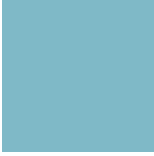
This preview shows how white text looks on a background with the Hex color 75BF9F.

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](#).

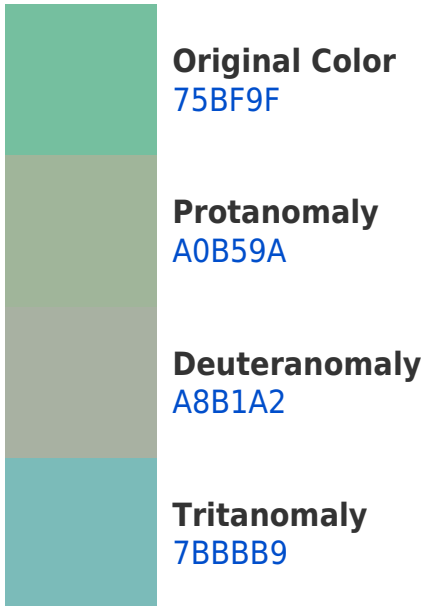
Dichromacy



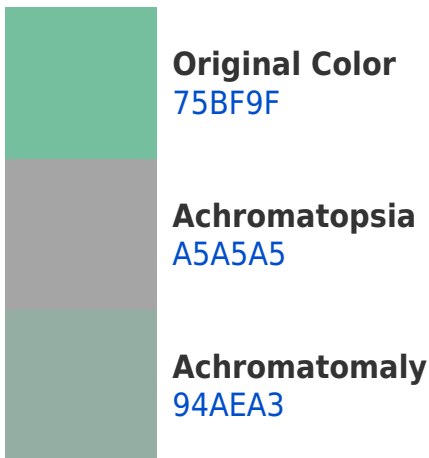


Tritanopia
7FB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75BF9F 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 #75BF9F looks like.

```
.text, #text, p{  
    color:#75BF9F  
}
```

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 #75BF9F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75BF9F
}
```

Border

The CSS property to change the border of an element to Hex 75BF9F 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
#75BF9F }
```

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

```
.border{ border-color:#75BF9F }
```

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

Here you see how a box with a 4 pixel #75BF9F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75BF9F; -webkit-box-shadow:4px 4px  
4px 4px #75BF9F; box-shadow:4px 4px 4px  
4px #75BF9F }
```

Background

The CSS property to change the background color of an element to Hex 75BF9F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75BF9F }
```

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

```
.background{ background-color:#75BF9F }
```

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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