

# Converting Colors

Hex(71B090)

Have a look what the booklet for  
Hex(71B090) contains.

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**Color**

**Hex(71B090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	71B090
RGB	113, 176, 144
RGB Percent	44%, 69%, 56%
CMY	0.5569, 0.3098, 0.4353
CMYK	0.36, 0.00, 0.18, 0.31
HSL	150°, 29%, 57%
HSV	150°, 36%, 69%
XYZ	27.3694, 36.5750, 32.0027
YIQ	153.5150, -27.2760, -23.3080

# Conversions

## Conversions Part 2

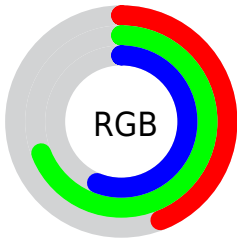
Format	Color
<a href="#">RYB</a>	<a href="#">113, 155, 176</a>
Decimal	<a href="#">7450768</a>
CIELab	<a href="#">66.96, -27.40, 10.05</a>
CIElCh	<a href="#">67, 29.183, 159.849</a>
Yxy	<a href="#">36.5750, 0.2853, 0.3812</a>
Android (android.graphics.Color)	<a href="#">4285640848 (0xFF71B090)</a>
YUV	<a href="#">153.5150, -4.6909, -35.5317</a>
Hunter-Lab	<a href="#">60.4773, -25.0537, 10.9596</a>

# Details

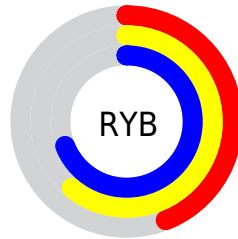
The Hex color **71B090** is a light color, and the websafe version is hex **669966**. A complement of this color would be **B07191**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **A7E8C6**, and **3D7B5E** is the 20% darker color. If you saturate the color by 10%, you get **5FB087**, and if you desaturate by 10%, it is **83B099**.

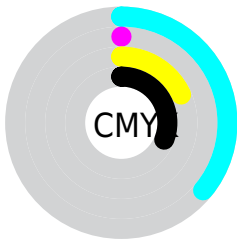
# Distribution



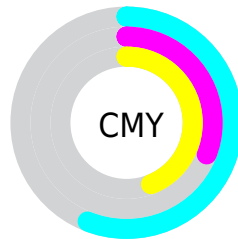
- Red (44%)
- Green (69%)
- Blue (56%)



- Red (44%)
- Yellow (61%)
- Blue (69%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (31%)



- Cyan (56%)
- Magenta (31%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 71B090 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 71B090 by changing the saturation by 10% instead.



 71B090

 71B090

FFFFFF

 579576

 A7E8C6

 3D7B5E

 C3FFE2

 236246

 DFFFFF


 034A30

 FCFFFF

 00321B

 001F00

 000000

 71B090

 71B090

 5FB087

 83B099

 4EB07E

 94B0A2

 3CB075

 A6B0AB

 2BB06C

 B7B0B4

 19B063

 C9B0BD

 07B05A

 DBB0C6

 00B057

 ECB0CF

 FEB0D8

 FFB0E0

# Harmonies

## Analogous

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



90AB7A



71B090



56B2AB

# Triad

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



71B090



8DA2D6



D49383

# Complementary

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



71B090



B07191

# 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.



D78F9B



71B090



B299CB

# Square

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



71B090



67ABD4



CB92B6



C59B72

# Rectangle

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



71B090



4EB1BC



CB92B6



D7918A

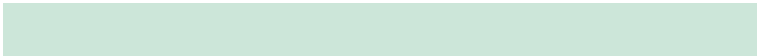


# Sweetspot

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



71B090



CCE6D9



92B071



64736B



F2F2F2



737373



# Same Dimension

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



71B090



83E6B3



71B0AF



505955



00994B



001A0D



# Inverse Universe

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



B07191



E683B5



B07172



595055



99004E



1A000D



# Previews

## White Background



This preview shows how the Hex color 71B090 looks on a white background.

## Color Contrast Check

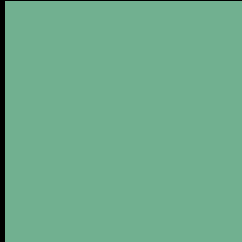
Large Text (above 18pt) WCAG AA × Fail

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 71B090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

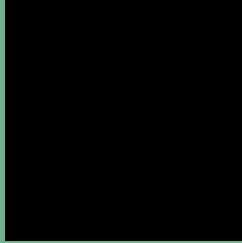
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 71B090 Background



This preview shows how black text looks on a background with the Hex color 71B090.



This preview shows how white text looks on a background with the Hex color 71B090.

# 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](#).

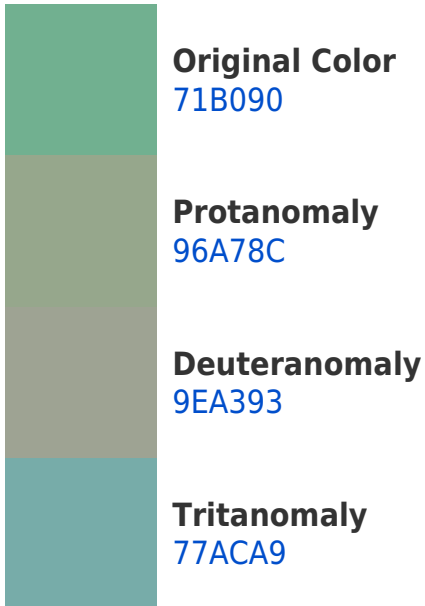
## Dichromacy



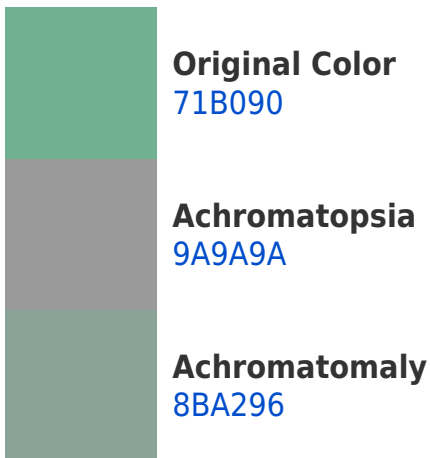


**Tritanopia**  
7AAAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 71B090 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 #71B090 looks like.

```
.text, #text, p{  
    color:#71B090  
}
```

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 #71B090 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #71B090
}
```

## Border

The CSS property to change the border of an element to Hex 71B090 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
#71B090 }
```

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

```
.border{ border-color:#71B090 }
```

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

Here you see how a box with a 4 pixel #71B090 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #71B090; -webkit-box-shadow:4px 4px  
4px 4px #71B090; box-shadow:4px 4px 4px  
4px #71B090 }
```

# Background

The CSS property to change the background color of an element to Hex 71B090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#71B090 }
```

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

```
.background{ background-color:#71B090 }
```

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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