

Converting Colors

Hex(66BA90)

Have a look what the booklet for
Hex(66BA90) contains.

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Color

Hex(66BA90)

Conversions

Conversions Part 1

Format	Color
Hex	66BA90
RGB	102, 186, 144
RGB Percent	40%, 73%, 56%
CMY	0.6000, 0.2706, 0.4353
CMYK	0.45, 0.00, 0.23, 0.27
HSL	150°, 38%, 56%
HSV	150°, 45%, 73%
XYZ	28.0724, 39.9562, 32.6183
YIQ	156.0960, -36.5820, -30.8700

Conversions

Conversions Part 2

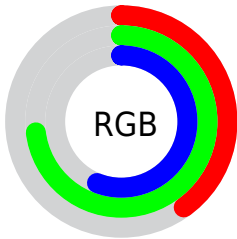
Format	Color
RYB	102, 158, 186
Decimal	6732432
CIELab	69.44, -35.29, 13.48
CIElCh	69, 37.778, 159.087
Yxy	39.9562, 0.2789, 0.3970
Android (android.graphics.Color)	4284922512 (0xFF66BA90)
YUV	156.0960, -5.9633, -47.4422
Hunter-Lab	63.2109, -31.3460, 13.6526

Details

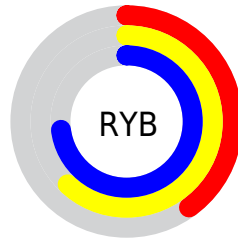
The Hex color **66BA90** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BA6690**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **9DF3C6**, and **2E845E** is the 20% darker color. If you saturate the color by 10%, you get **53BA87**, and if you desaturate by 10%, it is **79BA99**.

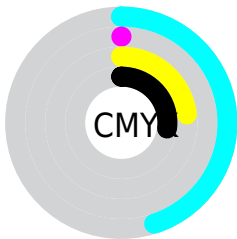
Distribution



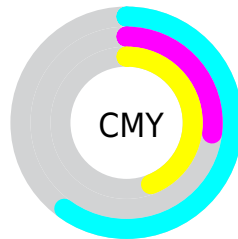
- Red (40%)
- Green (73%)
- Blue (56%)



- Red (40%)
- Yellow (62%)
- Blue (73%)



- Cyan (45%)
- Magenta (0%)
- Yellow (23%)
- Black (27%)



- Cyan (60%)
- Magenta (27%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66BA90 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 66BA90 by changing the saturation by 10% instead.

 66BA90

 66BA90

FFFFFF

 4B9F76

 9DF3C6

 2E845E

 B9FFE2

 096B46

 D6FFFF

 00522F

 F3FFFF

 003A1A

 002500

 000000

 66BA90

 66BA90

 53BA87

 79BA99

 41BA7D

 8BBAA3

 2EBA74

 9EBAAC

 1CBA6B

 B0BAB5

 09BA62

 C3BABE

 00BA5D

 D6BAC8

 E8BAD1

 FBBADA

 FFBAE4

Harmonies

Analogous

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



91B473



66BA90



34BCB3

Triad

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



66BA90



89A9ED



E89480

Complementary

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



66BA90



BA6690

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.



EC8FA0



66BA90



BB9DDF

Square

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



66BA90



4CB4E9



DD92C3



D49F6A

Rectangle

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



66BA90



11BBCA



DD92C3



EB928A

Sweetspot

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



66BA90



D0F2E1



90BA66



667A70



FAFAFA



7A7A7A

Same Dimension

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



66BA90



6FF2B1



66BABA



535C57



009C4E



001C0E

Inverse Universe

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



BA6690



F26FB1



BA6666



5C5357



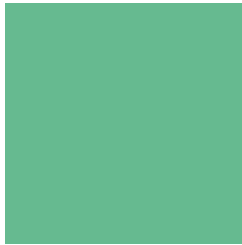
9C004E



1C000E

Previews

White Background



This preview shows how the Hex color 66BA90 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 66BA90 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

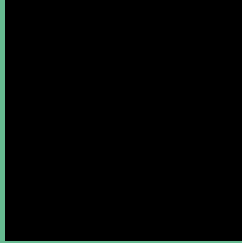
Any Text WCAG AA ✓ Pass

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 66BA90 Background



This preview shows how black text looks on a background with the Hex color 66BA90.

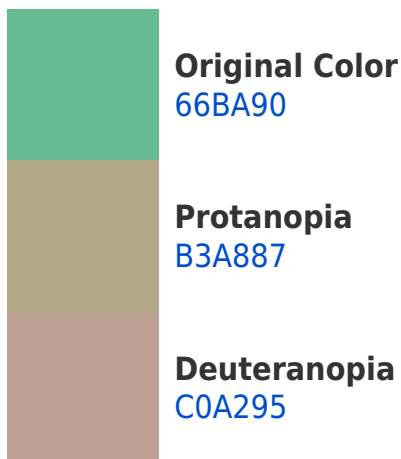


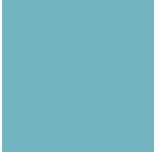
This preview shows how white text looks on a background with the Hex color 66BA90.

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](#).

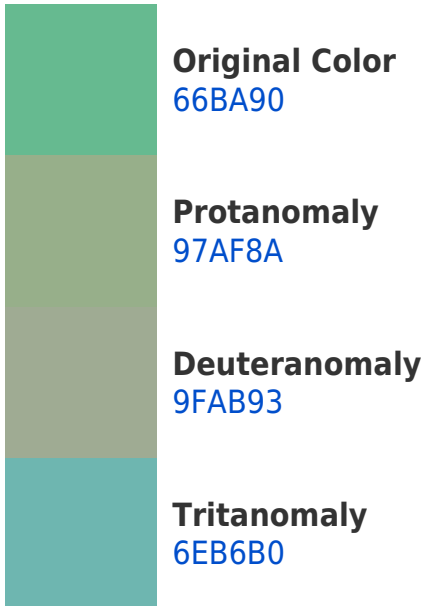
Dichromacy



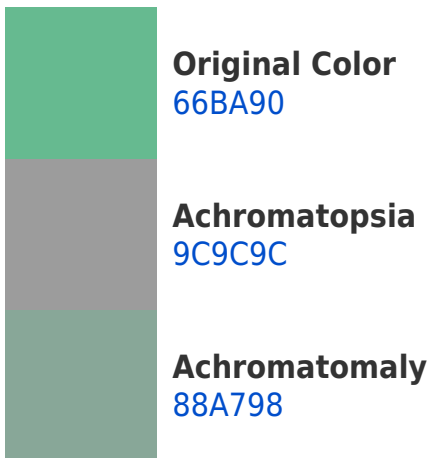


Tritanopia
73B3C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66BA90 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 #66BA90 looks like.

```
.text, #text, p{  
    color:#66BA90  
}
```

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 #66BA90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66BA90
}
```

Border

The CSS property to change the border of an element to Hex 66BA90 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
#66BA90 }
```

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

```
.border{ border-color:#66BA90 }
```

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

Here you see how a box with a 4 pixel #66BA90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66BA90; -webkit-box-shadow:4px 4px  
4px 4px #66BA90; box-shadow:4px 4px 4px  
4px #66BA90 }
```

Background

The CSS property to change the background color of an element to Hex 66BA90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66BA90 }
```

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

```
.background{ background-color:#66BA90 }
```

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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