

Converting Colors

Hex(66B182)

Have a look what the booklet for
Hex(66B182) contains.

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Color

Hex(66B182)

Conversions

Conversions Part 1

Format	Color
Hex	66B182
RGB	102, 177, 130
RGB Percent	40%, 69%, 51%
CMY	0.6000, 0.3059, 0.4902
CMYK	0.42, 0.00, 0.27, 0.31
HSL	142°, 32%, 55%
HSV	142°, 42%, 69%
XYZ	25.2309, 35.8808, 26.7150
YIQ	149.2170, -29.6130, -30.5170

Conversions

Conversions Part 2

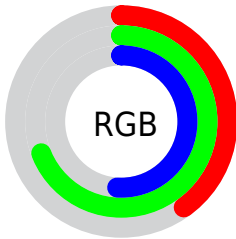
Format	Color
RYB	102, 157, 177
Decimal	6730114
CIELab	66.43, -33.95, 16.91
CIELCh	66, 37.932, 153.523
Yxy	35.8808, 0.2873, 0.4085
Android (android.graphics.Color)	4284920194 (0xFF66B182)
YUV	149.2170, -9.4740, -41.4093
Hunter-Lab	59.9006, -29.6395, 15.4877

Details

The Hex color **66B182** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B16695**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **9CE9B7**, and **307C50** is the 20% darker color. If you saturate the color by 10%, you get **54B177**, and if you desaturate by 10%, it is **78B18D**.

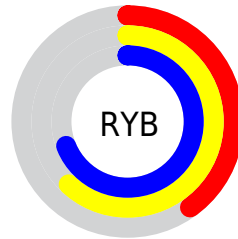
Distribution



Red (40%)

Green (69%)

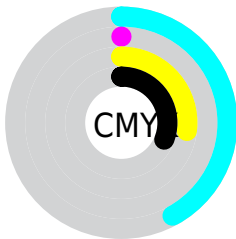
Blue (51%)



Red (40%)

Yellow (62%)

Blue (69%)

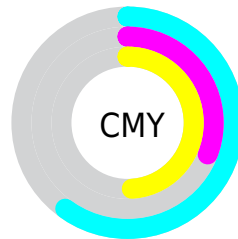


Cyan (42%)

Magenta (0%)

Yellow (27%)

Black (31%)



Cyan (60%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B182 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 66B182 by changing the saturation by 10% instead.



66B182



66B182

FFFFFF



4B9669



9CE9B7



307C50



B8FFD3



116239



D5FFEF



004A23



F2FFFF



00330E



001F00



000000



66B182



66B182



54B177



78B18D

 43B16C

 89B198

 31B161

 9BB1A3

 1FB156

 ADB1AE

 0EB14B

 BFB1B9

 00B142

 D0B1C5

 E2B1D0

 F4B1DB

 FF B1E6

Harmonies

Analogous

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



90AB67



66B182



32B4A5

Triad

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



66B182



76A4E5



E18B7E

Complementary

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



66B182



B16695

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.



E2879F



66B182



AB97DA

Square

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



66B182



33ADDE



D08CC1



D09565

Rectangle

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



66B182



00B3BC



D08CC1



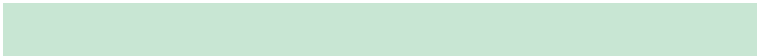
E48888

Sweetspot

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



66B182



C8E6D3



96B166



607367



F2F2F2



737373

Same Dimension

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



66B182



70E69C



66B1A7



505954



009939



001A0A

Inverse Universe

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



B16695



E670BA



B16670



595056



990060



1A0010

Previews

White Background



This preview shows how the Hex color 66B182 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 66B182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

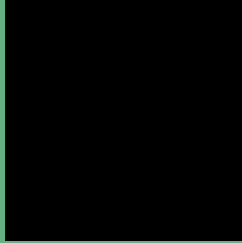
Any Text WCAG AA ✓ Pass

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 66B182 Background



This preview shows how black text looks on a background with the Hex color 66B182.

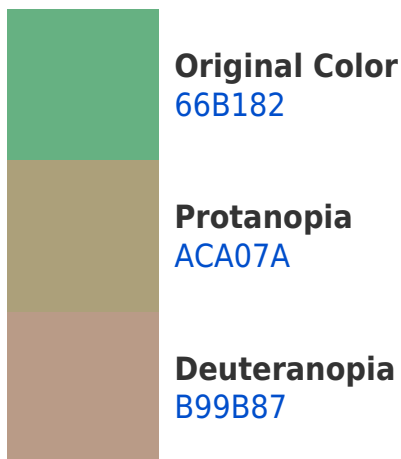


This preview shows how white text looks on a background with the Hex color 66B182.

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](#).

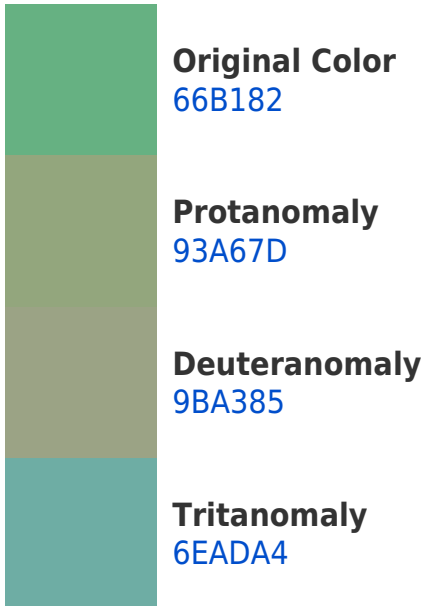
Dichromacy





Tritanopia
72AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B182 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 #66B182 looks like.

```
.text, #text, p{  
    color:#66B182  
}
```

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 #66B182 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B182
}
```

Border

The CSS property to change the border of an element to Hex 66B182 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
#66B182 }
```

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

```
.border{ border-color:#66B182 }
```

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

Here you see how a box with a 4 pixel #66B182 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B182; -webkit-box-shadow:4px 4px  
4px 4px #66B182; box-shadow:4px 4px 4px  
4px #66B182 }
```

Background

The CSS property to change the background color of an element to Hex 66B182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B182 }
```

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

```
.background{ background-color:#66B182 }
```

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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