

Converting Colors

Hex(66B070)

Have a look what the booklet for
Hex(66B070) contains.

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Color

Hex(66B070)

Conversions

Conversions Part 1

Format	Color
Hex	66B070
RGB	102, 176, 112
RGB Percent	40%, 69%, 44%
CMY	0.6000, 0.3098, 0.5608
CMYK	0.42, 0.00, 0.36, 0.31
HSL	128°, 32%, 55%
HSV	128°, 42%, 69%
XYZ	23.9295, 35.0453, 20.8324
YIQ	146.5780, -23.5600, -35.5920

Conversions

Conversions Part 2

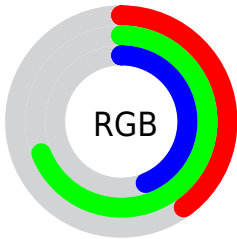
Format	Color
RYB	102, 167, 176
Decimal	6729840
CIELab	65.78, -36.80, 25.76
CIELCh	66, 44.919, 145.005
Yxy	35.0453, 0.2998, 0.4391
Android (android.graphics.Color)	4284919920 (0xFF66B070)
YUV	146.5780, -17.0470, -39.0949
Hunter-Lab	59.1991, -31.4451, 20.5749

Details

The Hex color **66B070** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B066A6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9CE8A4**, and **307B3F** is the 20% darker color. If you saturate the color by 10%, you get **54B061**, and if you desaturate by 10%, it is **78B07F**.

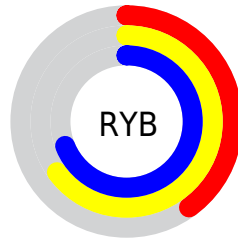
Distribution



Red (40%)

Green (69%)

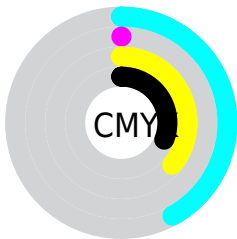
Blue (44%)



Red (40%)

Yellow (65%)

Blue (69%)

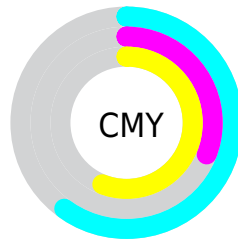


Cyan (42%)

Magenta (0%)

Yellow (36%)

Black (31%)



Cyan (60%)

Magenta (31%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66B070 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 66B070 by changing the saturation by 10% instead.

 66B070

 66B070

FFFFFF

 4B9557

 9CE8A4

 307B3F

 B8FFC0

 116128

 D5FFDC

 004912

 F2FFF8

 003100

 001D00

 000000

 66B070

 66B070

 54B061

 78B07F

 43B052

 89B08E

 31B042

 9BB09E

 20B033

 ACB0AD

 0EB024

 BEB0BC

 00B018

 D0B0CB

 E1B0DB

 F3B0EA

 FFB0F9

Harmonies

Analogous

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



96A854



66B070



0FB497

Triad

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



66B070



4BA6F0



EC8180

Complementary

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



66B070



B066A6

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.



E77FA8



66B070



9998E9

Square

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



66B070



00B0E1



CB89CF



DC8D5F

Rectangle

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



66B070



00B5B3



CB89CF



ED7F8D

Sweetspot

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



66B070



C8E6CC



A6B066



607363



F2F2F2



737373

Same Dimension

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



66B070



73E682



66B095



505952



009915



001A03

Inverse Universe

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



B066A6



E673D6



B06681



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color 66B070 looks on a white background.

Color Contrast Check

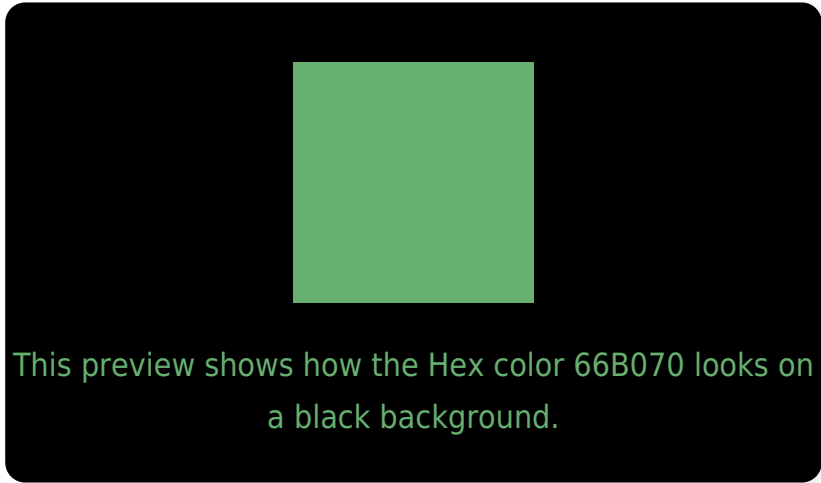
Large Text (above 18pt) WCAG AA × Fail

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

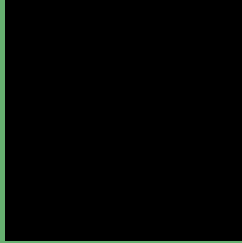
Any Text WCAG AA ✓ Pass

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 66B070 Background



This preview shows how black text looks on a background with the Hex color 66B070.

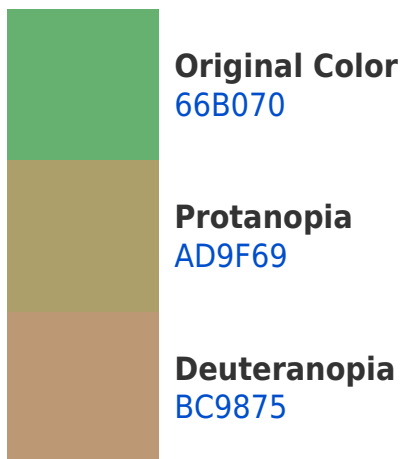


This preview shows how white text looks on a background with the Hex color 66B070.

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](#).

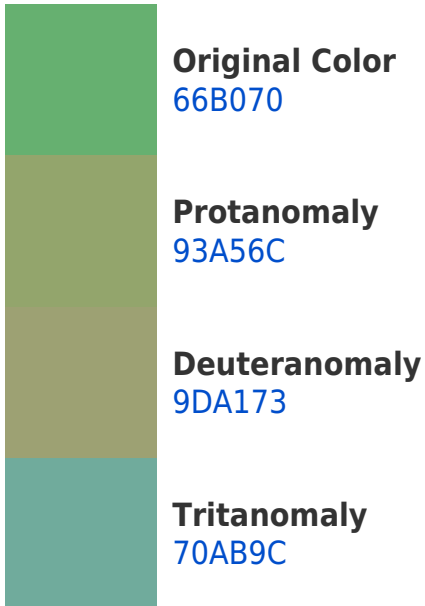
Dichromacy





Tritanopia
75A8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66B070 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 #66B070 looks like.

```
.text, #text, p{  
    color:#66B070  
}
```

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 #66B070 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66B070
}
```

Border

The CSS property to change the border of an element to Hex 66B070 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
#66B070 }
```

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

```
.border{ border-color:#66B070 }
```

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

Here you see how a box with a 4 pixel #66B070 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66B070; -webkit-box-shadow:4px 4px  
4px 4px #66B070; box-shadow:4px 4px 4px  
4px #66B070 }
```

Background

The CSS property to change the background color of an element to Hex 66B070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66B070 }
```

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

```
.background{ background-color:#66B070 }
```

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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