

Converting Colors

Hex(66964C)

Have a look what the booklet for
Hex(66964C) contains.

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Color

Hex(66964C)

Conversions

Conversions Part 1

Format	Color
Hex	66964C
RGB	102, 150, 76
RGB Percent	40%, 59%, 30%
CMY	0.6000, 0.4118, 0.7020
CMYK	0.32, 0.00, 0.49, 0.41
HSL	99°, 33%, 44%
HSV	99°, 49%, 59%
XYZ	17.6903, 25.1593, 10.7613
YIQ	127.2120, -4.8540, -33.1900

Conversions

Conversions Part 2

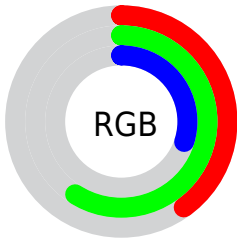
Format	Color
RYB	76, 150, 124
Decimal	6723148
CIELab	57.23, -30.17, 33.79
CIELCh	57, 45.300, 131.763
Yxy	25.1593, 0.3300, 0.4693
Android (android.graphics.Color)	4284913228 (0xFF66964C)
YUV	127.2120, -25.2475, -22.1109
Hunter-Lab	50.1590, -24.8240, 22.3910

Details

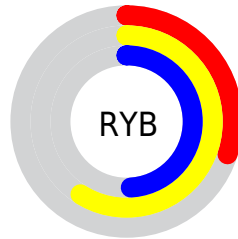
The Hex color **66964C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C4C96**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **9BCC7E**, and **33631C** is the 20% darker color. If you saturate the color by 10%, you get **5C963D**, and if you desaturate by 10%, it is **70965B**.

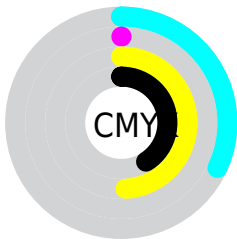
Distribution



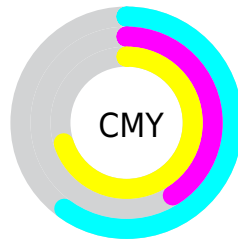
- Red (40%)
- Green (59%)
- Blue (30%)



- Red (30%)
- Yellow (59%)
- Blue (49%)



- Cyan (32%)
- Magenta (0%)
- Yellow (49%)
- Black (41%)



- Cyan (60%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66964C 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 66964C by changing the saturation by 10% instead.



66964C



66964C

FFFFFF



4C7C34



9BCC7E



33631C



B7E999



194A03



D3FFB4



003300



F0FFD0



002000



FFFFEC



000000



66964C



66964C



5C963D



70965B



53962E



79966A

■ 49961F

■ 839679

■ 3F9610

■ 8D9688

■ 359601

■ 979697

■ 359600

■ A096A6

■ AA96B5

■ B496C4

■ BE96D3

Harmonies

Analogous

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



918C38



66964C



239C6F

Triad

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



66964C



0094D4



D3687B

Complementary

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



66964C



7C4C96

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.



C66BA3



66964C



6288D7

Square

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



66964C



009BBD



A179C5



CC7057

Rectangle

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



66964C



009D8B



A179C5



D16789

Sweetspot

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



66964C



AFC2A5



967B4C



56614F



E0E0E0



616161

Same Dimension

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



66964C



78C24F



4C9656



454A43



308A00



040A00

Inverse Universe

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



7C4C96



9A4FC2



964C8C



47434A



59008A



07000A

Previews

White Background



This preview shows how the Hex color 66964C looks on a white background.

Color Contrast Check

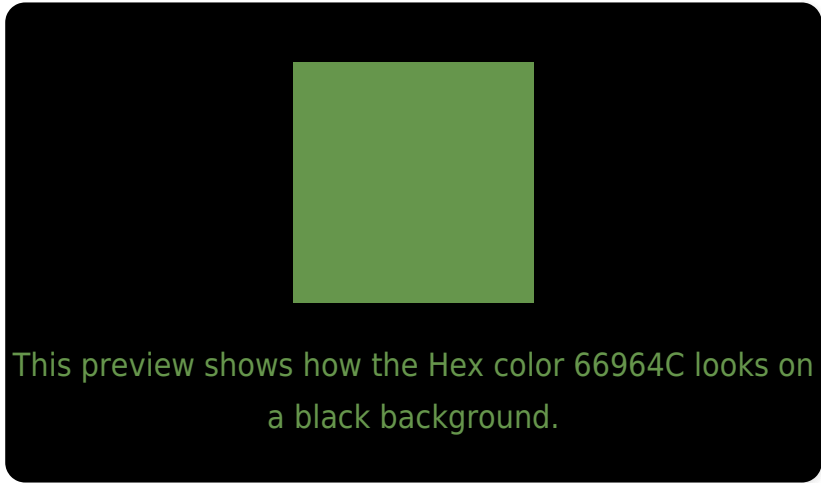
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 66964C Background



This preview shows how black text looks on a background with the Hex color 66964C.



This preview shows how white text looks on a background with the Hex color 66964C.

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



Original Color
66964C

Protanopia
978948

Deuteranopia
A68351



Tritanopia
728D99

Trichromacy



Original Color
66964C

Protanomaly
858E49

Deuteranomaly
8F8A4F

Tritanomaly
6E907D

Monochromacy



Original Color
66964C

Achromatopsia
7F7F7F

Achromatomaly
76876C

CSS Examples

Text

The CSS property to change the color of the text to Hex 66964C 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 #66964C looks like.

```
.text, #text, p{  
    color:#66964C  
}
```

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 #66964C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66964C
}
```

Border

The CSS property to change the border of an element to Hex 66964C 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
#66964C }
```

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

```
.border{ border-color:#66964C }
```

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

Here you see how a box with a 4 pixel #66964C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66964C; -webkit-box-shadow:4px 4px  
4px 4px #66964C; box-shadow:4px 4px 4px  
4px #66964C }
```

Background

The CSS property to change the background color of an element to Hex 66964C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66964C }
```

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

```
.background{ background-color:#66964C }
```

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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