

# Converting Colors

Hex(65906C)

Have a look what the booklet for  
Hex(65906C) contains.

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# Color

Hex(65906C)

# Conversions

## Conversions Part 1

Format	Color
Hex	65906C
RGB	101, 144, 108
RGB Percent	40%, 56%, 42%
CMY	0.6039, 0.4353, 0.5765
CMYK	0.30, 0.00, 0.25, 0.44
HSL	130°, 18%, 48%
HSV	130°, 30%, 56%
XYZ	18.0469, 23.7959, 17.8293
YIQ	127.0390, -14.0720, -20.3120

# Conversions

## Conversions Part 2

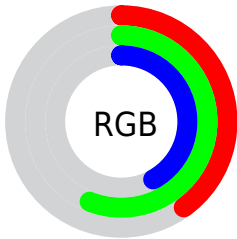
Format	Color
<b>RYB</b>	101, 138, 144
Decimal	6656108
CIELab	55.88, -22.46, 14.52
CIElCh	56, 26.743, 147.120
Yxy	23.7959, 0.3024, 0.3988
Android (android.graphics.Color)	4284846188 (0xFF65906C)
YUV	127.0390, -9.3862, -22.8362
Hunter-Lab	48.7811, -19.3297, 12.4765

# Details

The Hex color **65906C** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **906589**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **99C6A0**, and **345D3C** is the 20% darker color. If you saturate the color by 10%, you get **579060**, and if you desaturate by 10%, it is **739078**.

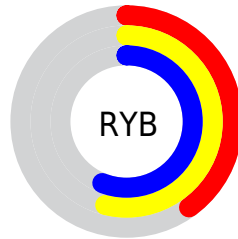
# Distribution



Red (40%)

Green (56%)

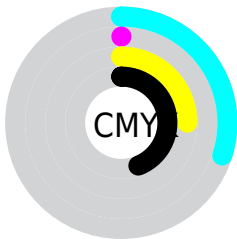
Blue (42%)



Red (40%)

Yellow (54%)

Blue (56%)

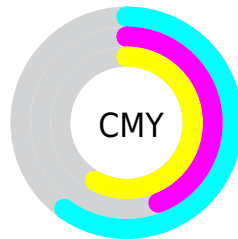


Cyan (30%)

Magenta (0%)

Yellow (25%)

Black (44%)



Cyan (60%)

Magenta (44%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65906C 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 65906C by changing the saturation by 10% instead.





65906C



65906C

FFFFFF



4C7654



99C6A0



345D3C



B4E2BB



1C4526



D0FFD6



032F12



ECFFF3



001C00



000000



65906C



65906C



579060



739078



489054



829084

 3A9048

 909090

 2B903C

 9F909C

 1D9030

 AD90A8

 0F9024

 BB90B4

 009018

 CA90C0

 009017

 D890CC

 E790D9

# Harmonies

## Analogous

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



808B5C



65906C



4A9283

# Triad

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



65906C



6389B4



B47672

# Complementary

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



65906C



906589

# 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.



B17589



65906C



8681AF

# Square

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



65906C



438FAC



A1799F



AA7C60

# Rectangle

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



65906C



3C9393



A1799F



B47579



# Sweetspot

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



65906C



A9BAAC



8A9065



545E56



DEDEDE



5E5E5E



# Same Dimension

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



65906C



77BA82



659081



404741



008716



000801



# Inverse Universe

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



906589



BA77AF



906574



474046



870071



080006



# Previews

## White Background



This preview shows how the Hex color 65906C looks on a white background.

## Color Contrast Check

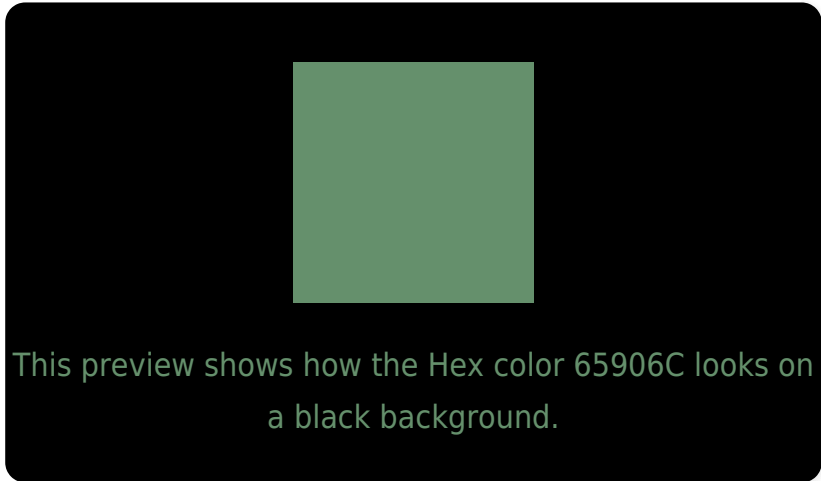
Large Text (above 18pt) WCAG AA ✓ Pass

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

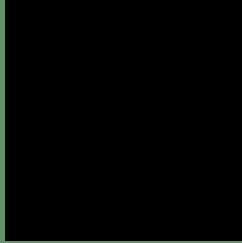
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 65906C Background



This preview shows how black text looks on a background with the Hex color 65906C.

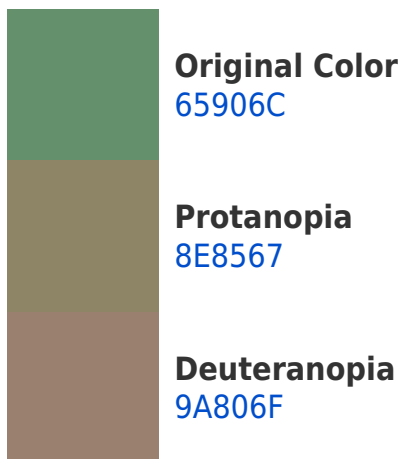


This preview shows how white text looks on a background with the Hex color 65906C.

# 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



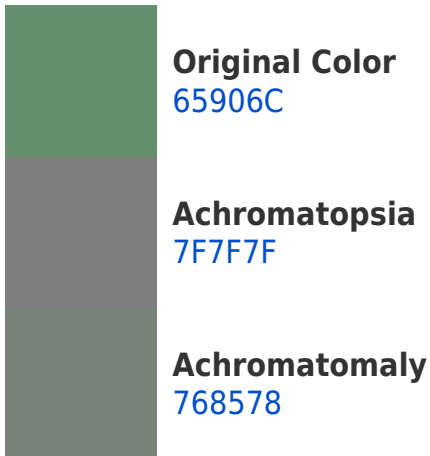


**Tritanopia**  
6D8B96

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65906C 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 #65906C looks like.

```
.text, #text, p{  
    color:#65906C  
}
```

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 #65906C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65906C
}
```

## Border

The CSS property to change the border of an element to Hex 65906C 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
#65906C }
```

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

```
.border{ border-color:#65906C }
```

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

Here you see how a box with a 4 pixel #65906C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65906C; -webkit-box-shadow:4px 4px  
4px 4px #65906C; box-shadow:4px 4px 4px  
4px #65906C }
```

# Background

The CSS property to change the background color of an element to Hex 65906C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65906C }
```

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

```
.background{ background-color:#65906C }
```

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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