

# Converting Colors

Hex(6D8165)

Have a look what the booklet for  
Hex(6D8165) contains.

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# Color

Hex(6D8165)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 6D8165                      |
| RGB         | 109, 129, 101               |
| RGB Percent | 43%, 51%, 40%               |
| CMY         | 0.5725, 0.4941, 0.6039      |
| CMYK        | 0.16, 0.00, 0.22, 0.49      |
| HSL         | 103°, 12%, 45%              |
| HSV         | 103°, 22%, 51%              |
| XYZ         | 16.5059, 19.8913, 15.2814   |
| YIQ         | 119.8280, -2.9320, -12.9480 |

# Conversions

## Conversions Part 2

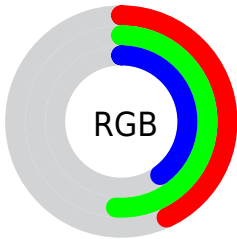
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 101, 129, 121                 |
| Decimal                             | 7176549                       |
| CIELab                              | 51.71, -12.91, 12.81          |
| CIELCh                              | 52, 18.192, 135.226           |
| Yxy                                 | 19.8913, 0.3194,<br>0.3849    |
| Android<br>(android.graphics.Color) | 4285366629<br>(0xFF6D8165)    |
| YUV                                 | 119.8280, -9.2822,<br>-9.4962 |
| Hunter-Lab                          | 44.5997, -11.9884,<br>10.9050 |

# Details

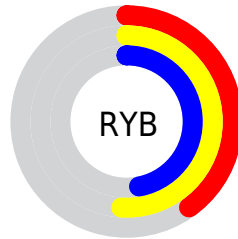
The Hex color **6D8165** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **796581**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A1B698**, and **3D5036** is the 20% darker color. If you saturate the color by 10%, you get **648158**, and if you desaturate by 10%, it is **768172**.

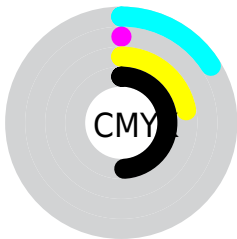
# Distribution



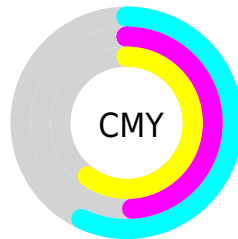
- Red (43%)
- Green (51%)
- Blue (40%)



- Red (40%)
- Yellow (51%)
- Blue (47%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (57%)
- Magenta (49%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8165 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 6D8165 by changing the saturation by 10% instead.



 6D8165

 6D8165

FFFFFF

 54684D

 A1B698

 3D5036

 BCD2B3

 273921

 D8EECE

 12230A

 F4FFEB

 000C00

 000000

 6D8165

 6D8165

 648158

 768172

 5B814B

 7F817F

■ 51813E

■ 89818C

■ 488131

■ 928199

■ 3F8125

■ 9B81A6

■ 368118

■ A481B2

■ 2D810B

■ AD81BF

■ 258100

■ B781CC

■ C081D9

# Harmonies

## Analogous

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



7F7D5D



6D8165



5C8473

# Triad

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



6D8165



5F7F99



9B7074

# Complementary

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



6D8165



796581

# 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.



967184



6D8165



747A99

# Square

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



6D8165



518391



887591



987366

# Rectangle

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



6D8165



53847E



887591



9A7079



# Sweetspot

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



6D8165



A0A89D



817965



4F544D



D4D4D4



545454



# Same Dimension

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



6D8165



89A87D



65816B



3B4039



248000



000000



# Inverse Universe

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



796581



9C7DA8



81657B



3E3940



5B0080

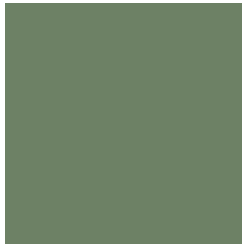


000000



# Previews

## White Background



This preview shows how the Hex color 6D8165 looks on a white background.

## Color Contrast Check

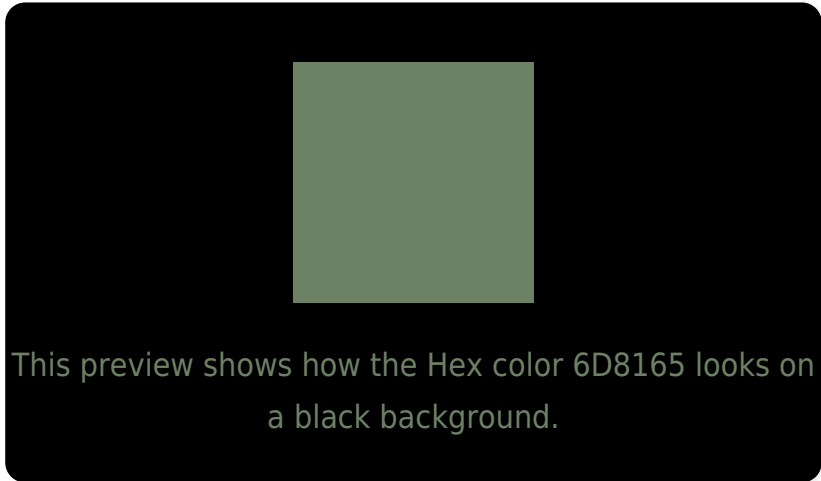
Large Text (above 18pt) WCAG AA ✓ Pass

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

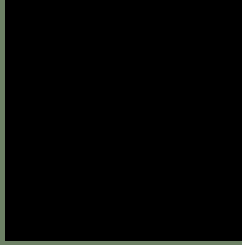
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6D8165 Background



This preview shows how black text looks on a background with the Hex color 6D8165.



This preview shows how white text looks on a background with the Hex color 6D8165.

# 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](#).

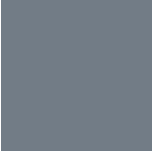
## Dichromacy



**Original Color**  
6D8165

**Protanopia**  
837B62

**Deuteranopia**  
8E7667



**Tritanopia**  
727C86

# Trichromacy



**Original Color**  
6D8165

**Protanomaly**  
7B7D63

**Deuteranomaly**  
827A66

**Tritanomaly**  
707E7A

# Monochromacy



**Original Color**  
6D8165

**Achromatopsia**  
787878

**Achromatomaly**  
747B71

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8165 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 #6D8165 looks like.

```
.text, #text, p{  
    color:#6D8165  
}
```

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 #6D8165 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8165
}
```

## Border

The CSS property to change the border of an element to Hex 6D8165 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
#6D8165 }
```

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

```
.border{ border-color:#6D8165 }
```

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

Here you see how a box with a 4 pixel #6D8165 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8165; -webkit-box-shadow:4px 4px  
4px 4px #6D8165; box-shadow:4px 4px 4px  
4px #6D8165 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8165 }
```

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

```
.background{ background-color:#6D8165 }
```

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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