

# Converting Colors

Hex(6D8663)

Have a look what the booklet for  
Hex(6D8663) contains.

<b>Hex(6D8663)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(6D8663)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D8663
RGB	109, 134, 99
RGB Percent	43%, 53%, 39%
CMY	0.5725, 0.4745, 0.6118
CMYK	0.19, 0.00, 0.26, 0.47
HSL	103°, 15%, 46%
HSV	103°, 26%, 53%
XYZ	17.0839, 21.2023, 14.9964
YIQ	122.5350, -3.6650, -16.1850

# Conversions

## Conversions Part 2

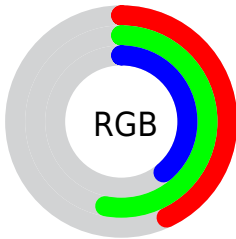
Format	Color
R <sub>Y</sub> B	99, 134, 124
Decimal	7177827
CIE Lab	53.17, -15.97, 15.97
CIE LCh	53, 22.588, 134.997
Yxy	21.2023, 0.3206, 0.3979
Android (android.graphics.Color)	4285367907 (0xFF6D8663)
YUV	122.5350, -11.6028, -11.8702
Hunter-Lab	46.0459, -14.3535, 12.9223

# Details

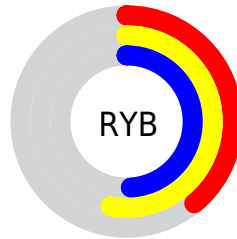
The Hex color **6D8663** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7C6386**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A1BB96**, and **3D5434** is the 20% darker color. If you saturate the color by 10%, you get **638656**, and if you desaturate by 10%, it is **778670**.

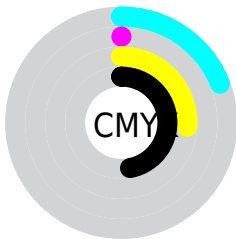
# Distribution



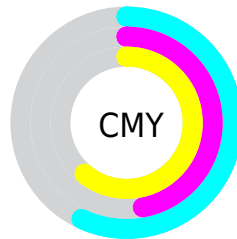
- Red (43%)
- Green (53%)
- Blue (39%)



- Red (39%)
- Yellow (53%)
- Blue (49%)



- Cyan (19%)
- Magenta (0%)
- Yellow (26%)
- Black (47%)



- Cyan (57%)
- Magenta (47%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D8663 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 6D8663 by changing the saturation by 10% instead.





6D8663



6D8663

FFFFFF



546D4B



A1BB96



3D5434



BCD7B1



263D1F



D8F3CC



112708



F5FFE8



001300



000000



6D8663



6D8663



638656



778670



5A8648



80867E

■ 50863B

■ 8A868B

■ 47862D

■ 938699

■ 3D8620

■ 9D86A6

■ 348613

■ A686B3

■ 2A8605

■ B086C1

■ 268600

■ BA86CE

■ C386DC

# Harmonies

## Analogous

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



838159



6D8663



578974

# Triad

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



6D8663



5984A4



A67176

# Complementary

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



6D8663



7C6386

# 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.



9F728A



6D8663



747DA4

# Square

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



6D8663



45889A



8E779B



A27464

# Rectangle

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



6D8663



4A8A82



8E779B



A5717C



# Sweetspot

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



6D8663



A3ADA0



867C63



51574E



D6D6D6



575757



# Same Dimension

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



6D8663



87AD78



63866A



3E423C



258200



010300



# Inverse Universe

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



7C6386



9E78AD



86637F



403C42



5D0082



020003



# Previews

## White Background



This preview shows how the Hex color 6D8663 looks on a white background.

## Color Contrast Check

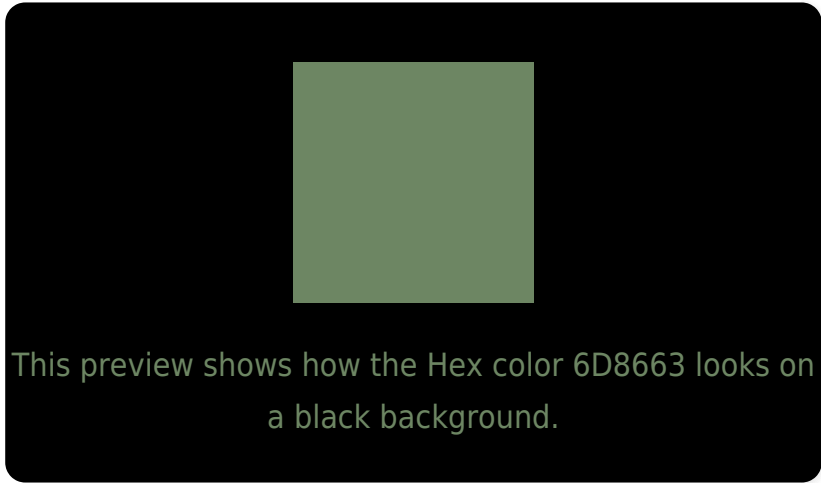
Large Text (above 18pt) WCAG AA ✓ Pass

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

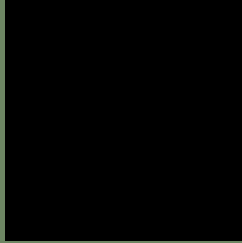
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

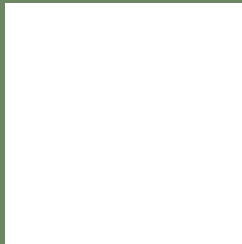
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6D8663 Background



This preview shows how black text looks on a background with the Hex color 6D8663.



This preview shows how white text looks on a background with the Hex color 6D8663.

# 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**  
6D8663

**Protanopia**  
887F60

**Deuteranopia**  
937A66



**Tritanopia**  
73818B

# Trichromacy



**Original Color**  
6D8663

**Protanomaly**  
7E8261

**Deuteranomaly**  
857E65

**Tritanomaly**  
71837C

# Monochromacy



**Original Color**  
6D8663

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
767F72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D8663 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 #6D8663 looks like.

```
.text, #text, p{  
    color:#6D8663  
}
```

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 #6D8663 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8663
}
```

## Border

The CSS property to change the border of an element to Hex 6D8663 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
#6D8663 }
```

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

```
.border{ border-color:#6D8663 }
```

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

Here you see how a box with a 4 pixel #6D8663 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8663; -webkit-box-shadow:4px 4px  
4px 4px #6D8663; box-shadow:4px 4px 4px  
4px #6D8663 }
```

# Background

The CSS property to change the background color of an element to Hex 6D8663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8663 }
```

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

```
.background{ background-color:#6D8663 }
```

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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