

Converting Colors

Hex(6D8672)

Have a look what the booklet for
Hex(6D8672) contains.

Hex(6D8672)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6D8672)

Conversions

Conversions Part 1

Format	Color
Hex	6D8672
RGB	109, 134, 114
RGB Percent	43%, 53%, 45%
CMY	0.5725, 0.4745, 0.5529
CMYK	0.19, 0.00, 0.15, 0.47
HSL	132°, 10%, 48%
HSV	132°, 19%, 53%
XYZ	17.8690, 21.5163, 19.1309
YIQ	124.2450, -8.4800, -11.5200

Conversions

Conversions Part 2

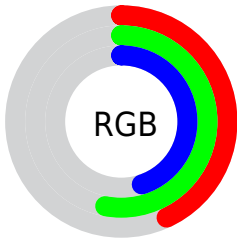
Format	Color
R_{YB}	109, 130, 134
Decimal	7177842
CIE _{Lab}	53.51, -13.18, 7.83
CIE _{LCh}	54, 15.327, 149.293
Yxy	21.5163, 0.3054, 0.3677
Android (android.graphics.Color)	4285367922 (0xFF6D8672)
YUV	124.2450, -5.0508, -13.3699
Hunter-Lab	46.3857, -12.4118, 8.0170

Details

The Hex color **6D8672** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **866D81**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **A1BBA6**, and **3D5442** is the 20% darker color. If you saturate the color by 10%, you get **608667**, and if you desaturate by 10%, it is **7A867D**.

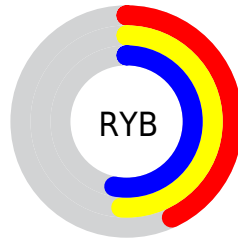
Distribution



Red (43%)

Green (53%)

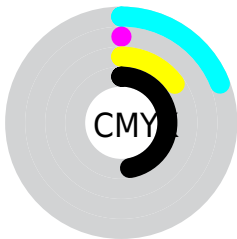
Blue (45%)



Red (43%)

Yellow (51%)

Blue (53%)

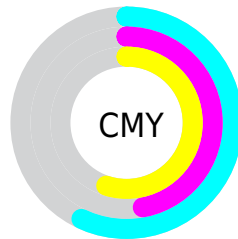


Cyan (19%)

Magenta (0%)

Yellow (15%)

Black (47%)



Cyan (57%)

Magenta (47%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D8672 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 6D8672 by changing the saturation by 10% instead.



6D8672



6D8672

FFFFFF



546D59



A1BBA6



3D5442



BCD7C1



273D2C



D8F3DD



112717



F4FFF9



001400



000000



6D8672



6D8672



608667



7A867D



52865D



888687

■ 458652

■ 958692

■ 378647

■ A3869D

■ 2A863C

■ B086A8

■ 1D8632

■ BD86B2

■ 0F8627

■ CB86BD

■ 02861C

■ D886C8

■ 00861B

■ E686D2

Harmonies

Analogous

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



7C8369



6D8672



61877F

Triad

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



6D8672



70819A



9B7774

Complementary

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



6D8672



866D81

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.



9A7781



6D8672



827D97

Square

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



6D8672



628596



91798E



967B6A

Rectangle

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



6D8672



5D8788



91798E



9B7778

Sweetspot

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



6D8672



A3ADA5



81866D



515752



D6D6D6



575757

Same Dimension

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



6D8672



87AD8F



6D867F



3C423D



00821A



000301

Inverse Universe

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



866D81



AD87A6



866D75



423C41



820068



030002

Previews

White Background



This preview shows how the Hex color 6D8672 looks on a white background.

Color Contrast Check

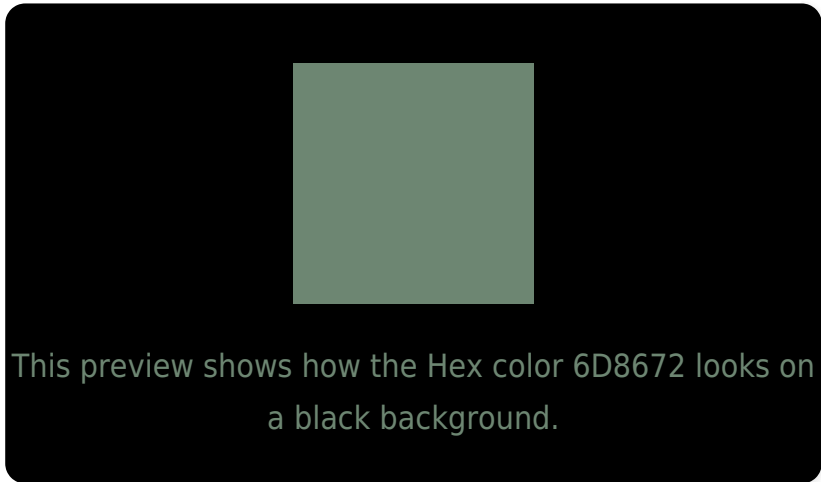
Large Text (above 18pt) WCAG AA ✓ Pass

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

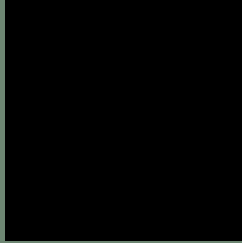
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

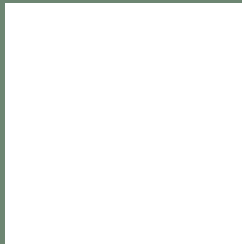
Any Text WCAG AAA × Fail

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

Hex 6D8672 Background



This preview shows how black text looks on a background with the Hex color 6D8672.

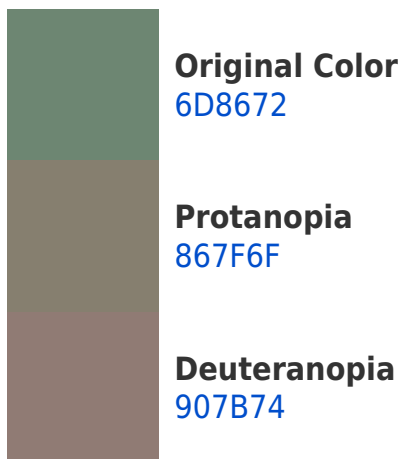


This preview shows how white text looks on a background with the Hex color 6D8672.

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



Trichromacy



Original Color
6D8672

Protanomaly
7D8270

Deuteranomaly
837F73

Tritanomaly
708383

Monochromacy



Original Color
6D8672

Achromatopsia
7C7C7C

Achromatomaly
778078

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D8672 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 #6D8672 looks like.

```
.text, #text, p{  
    color:#6D8672  
}
```

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 #6D8672 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D8672
}
```

Border

The CSS property to change the border of an element to Hex 6D8672 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
#6D8672 }
```

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

```
.border{ border-color:#6D8672 }
```

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

Here you see how a box with a 4 pixel #6D8672 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D8672; -webkit-box-shadow:4px 4px  
4px 4px #6D8672; box-shadow:4px 4px 4px  
4px #6D8672 }
```

Background

The CSS property to change the background color of an element to Hex 6D8672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D8672 }
```

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

```
.background{ background-color:#6D8672 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor