

Converting Colors

Hex(667668)

Have a look what the booklet for
Hex(667668) contains.

Hex(667668)	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(667668)

Conversions

Conversions Part 1

Format	Color
Hex	667668
RGB	102, 118, 104
RGB Percent	40%, 46%, 41%
CMY	0.6000, 0.5373, 0.5922
CMYK	0.14, 0.00, 0.12, 0.54
HSL	127°, 7%, 43%
HSV	127°, 14%, 46%
XYZ	14.4566, 16.7811, 15.5738
YIQ	111.6200, -5.0420, -7.7460

Conversions

Conversions Part 2

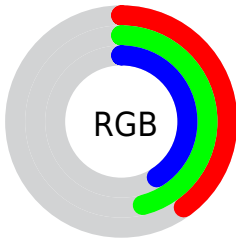
Format	Color
R_{YB}	102, 116, 118
Decimal	6714984
CIE _{Lab}	47.98, -8.89, 5.72
CIE _{LCh}	48, 10.572, 147.238
Yxy	16.7811, 0.3088, 0.3585
Android (android.graphics.Color)	4284905064 (0xFF667668)
YUV	111.6200, -3.7567, -8.4367
Hunter-Lab	40.9648, -8.6951, 6.1347

Details

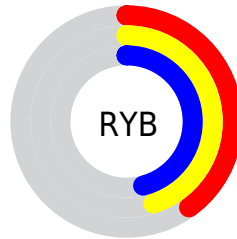
The Hex color **667668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **766674**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **99AA9B**, and **374639** is the 20% darker color. If you saturate the color by 10%, you get **5A765E**, and if you desaturate by 10%, it is **727672**.

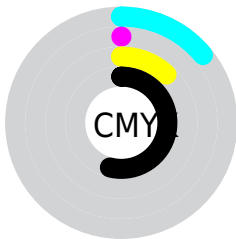
Distribution



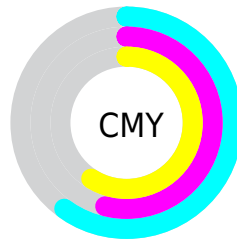
- Red (40%)
- Green (46%)
- Blue (41%)



- Red (40%)
- Yellow (45%)
- Blue (46%)



- Cyan (14%)
- Magenta (0%)
- Yellow (12%)
- Black (54%)



- Cyan (60%)
- Magenta (54%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 667668 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 667668 by changing the saturation by 10% instead.

667668

667668

FFFFFF

4E5D50

99AA9B

374639

B4C5B6

212F24

CFE1D2

0C1B0E

ECFEE

000000

667668

667668

5A765E

727672

4E7653

7E767D

437649

897687

■ 37763F

■ 957691

■ 2B7634

■ A1769C

■ 1F762A

■ AD76A6

■ 137620

■ B976B0

■ 087615

■ C476BB

■ 00760F

■ D076C5

Harmonies

Analogous

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



707462



667668



5E7771

Triad

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



667668



677383



856C6A

Complementary

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



667668



766674

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.



836C73



667668



737082

Square

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



667668



5E7581



7D6D7C



816E63

Rectangle

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



667668



5B7777



7D6D7C



856C6D

Sweetspot

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



667668



939994



747666



494D49



CCCCCC



4D4D4D

Same Dimension

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



667668



819984



667670



353B36



007A0F



00FA1F

Inverse Universe

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



766674



998196



76666C



3B353A



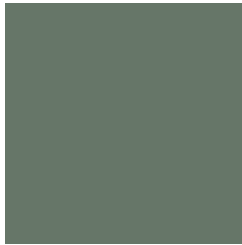
7A006B



FA00DB

Previews

White Background



This preview shows how the Hex color 667668 looks on a white background.

Color Contrast Check

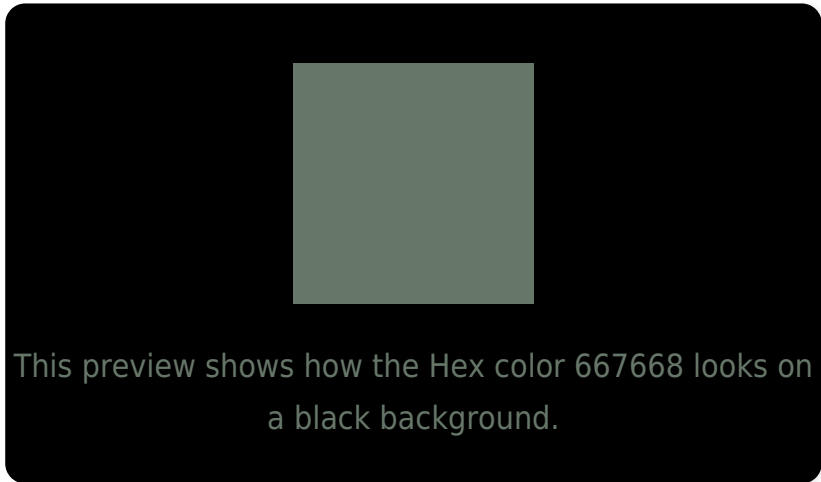
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

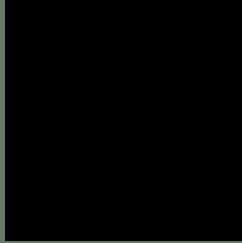
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 667668 Background



This preview shows how black text looks on a background with the Hex color 667668.

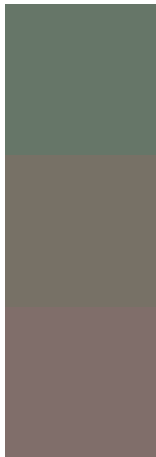


This preview shows how white text looks on a background with the Hex color 667668.

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
667668

Protanopia
777166

Deuteranopia
806E6A



Tritanopia
69737C

Trichromacy



Original Color
667668

Protanomaly
717367

Deuteranomaly
777169

Tritanomaly
687475

Monochromacy



Original Color
667668

Achromatopsia
707070

Achromatomaly
6C726D

CSS Examples

Text

The CSS property to change the color of the text to Hex 667668 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 #667668 looks like.

```
.text, #text, p{  
    color:#667668  
}
```

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 #667668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #667668  
}
```

Border

The CSS property to change the border of an element to Hex 667668 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  
#667668 }
```

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

```
.border{ border-color:#667668 }
```

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

Here you see how a box with a 4 pixel #667668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #667668; -webkit-box-shadow:4px 4px  
4px 4px #667668; box-shadow:4px 4px 4px  
4px #667668 }
```

Background

The CSS property to change the background color of an element to Hex 667668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#667668 }
```

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

```
.background{ background-color:#667668 }
```

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