

Converting Colors

Hex(686668)

Have a look what the booklet for
Hex(686668) contains.

Hex(686668)	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(686668)

Conversions

Conversions Part 1

Format	Color
Hex	686668
RGB	104, 102, 104
RGB Percent	41%, 40%, 41%
CMY	0.5922, 0.6000, 0.5922
CMYK	0.00, 0.02, 0.00, 0.59
HSL	300°, 1%, 40%
HSV	300°, 2%, 41%
XYZ	12.9590, 13.4453, 15.0089
YIQ	102.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

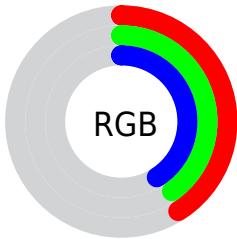
Format	Color
R_{YB}	104, 102, 104
Decimal	6841960
CIE Lab	43.43, 1.19, -0.85
CIE LCh	43, 1.469, 324.432
Yxy	13.4453, 0.3129, 0.3247
Android (android.graphics.Color)	4285032040 (0xFF686668)
YUV	102.8260, 0.5788, 1.0296
Hunter-Lab	36.6678, -1.0839, 1.3988

Details

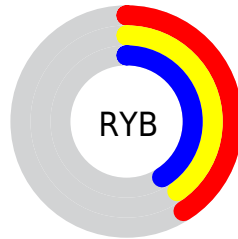
The Hex color **686668** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **666866**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **9B999B**, and **393739** is the 20% darker color. If you saturate the color by 10%, you get **685C68**, and if you desaturate by 10%, it is **687068**.

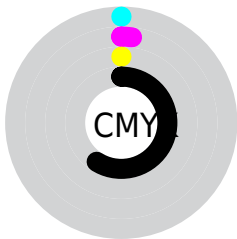
Distribution



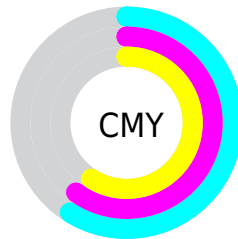
- Red (41%)
- Green (40%)
- Blue (41%)



- Red (41%)
- Yellow (40%)
- Blue (41%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (59%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 686668 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 686668 by changing the saturation by 10% instead.



686668



686668

FFFFFF



504E50



9B999B



393739



B6B4B6



242224



D1CFD1



0E0C0E



EEEEEE



000000



686668



686668



685C68



687068



685168



687B68



684768



688568

683C68

689068

683268

689A68

682868

68A468

681D68

68AF68

681368

68B968

680868

68C468

Harmonies

Analogous

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



676669



686668



696667

Triad

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



686668



686664



646768

Complementary

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



686668



666866

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.



646766



686668



676764

Square

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



686668



696665



656765



646768

Rectangle

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



686668



696666



656765



646767

Sweetspot

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



686668



878687



666668



454445



C4C4C4



454545

Same Dimension

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



686668



878487



686667



333233



730073



F200F2

Inverse Universe

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



686668



878487



666867



333233



730073



F200F2

Previews

White Background



This preview shows how the Hex color 686668 looks on a white background.

Color Contrast Check

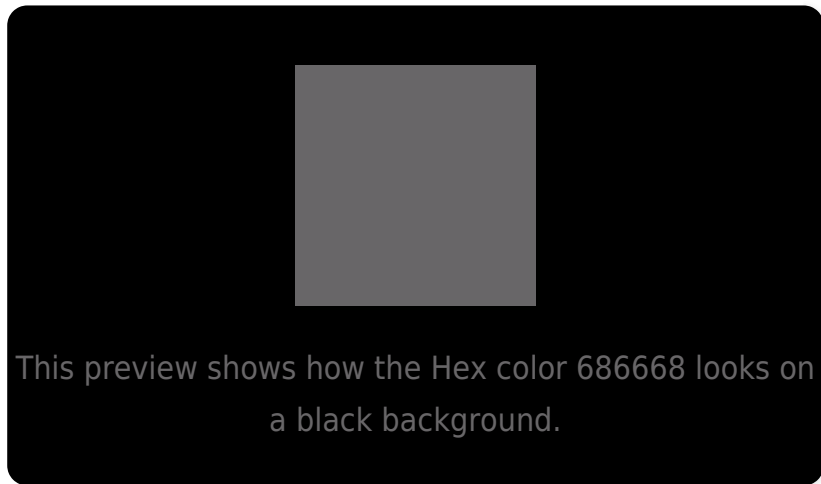
Large Text (above 18pt) WCAG AA ✓ Pass

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

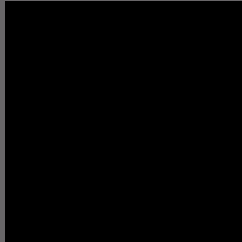
Any Text WCAG AA × Fail

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 686668 Background



This preview shows how black text looks on a background with the Hex color 686668.



This preview shows how white text looks on a background with the Hex color 686668.

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


686668

Protanopia

686668

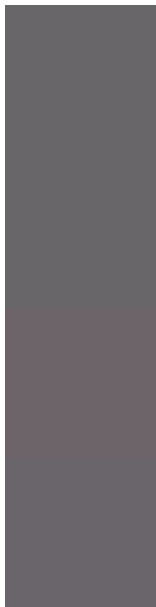
Deuteranopia

706369



Tritanopia
69656D

Trichromacy



Original Color

686668

Protanomaly

686668

Deuteranomaly

6D6469

Tritanomaly

69656B

Monochromacy



Original Color

686668

Achromatopsia

676767

Achromatomaly

676767

CSS Examples

Text

The CSS property to change the color of the text to Hex 686668 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 #686668 looks like.

```
.text, #text, p{  
    color:#686668  
}
```

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 #686668 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #686668
}
```

Border

The CSS property to change the border of an element to Hex 686668 is called "border". The border property can be set on classes, ids or directly on the HTML element.

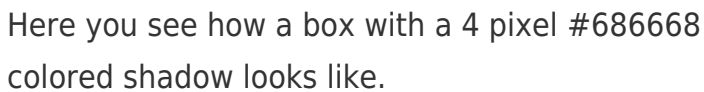
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#686668 }
```

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

```
.border{ border-color:#686668 }
```

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



Here you see how a box with a 4 pixel #686668 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #686668; -webkit-box-shadow:4px 4px  
4px 4px #686668; box-shadow:4px 4px 4px  
4px #686668 }
```

Background

The CSS property to change the background color of an element to Hex 686668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#686668 }
```

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

```
.background{ background-color:#686668 }
```

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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