

Converting Colors

Hex(666A68)

Have a look what the booklet for
Hex(666A68) contains.

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Color

Hex(666A68)

Conversions

Conversions Part 1

Format	Color
Hex	666A68
RGB	102, 106, 104
RGB Percent	40%, 42%, 41%
CMY	0.6000, 0.5843, 0.5922
CMYK	0.04, 0.00, 0.02, 0.58
HSL	150°, 2%, 41%
HSV	150°, 4%, 42%
XYZ	13.1322, 14.1323, 15.1324
YIQ	104.5760, -1.7420, -1.4700

Conversions

Conversions Part 2

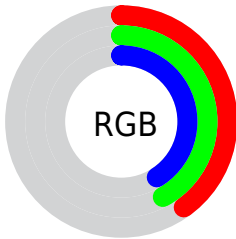
Format	Color
R_{YB}	102, 105, 106
Decimal	6711912
CIE Lab	44.42, -1.95, 0.58
CIE LCh	44, 2.038, 163.487
Yxy	14.1323, 0.3097, 0.3333
Android (android.graphics.Color)	4284901992 (0xFF666A68)
YUV	104.5760, -0.2840, -2.2592
Hunter-Lab	37.5930, -3.4330, 2.4490

Details

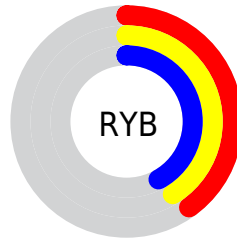
The Hex color **666A68** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6A6668**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **999D9B**, and **373B39** is the 20% darker color. If you saturate the color by 10%, you get **5B6A63**, and if you desaturate by 10%, it is **716A6D**.

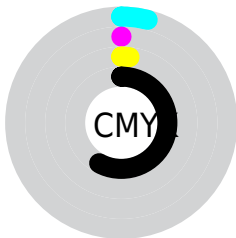
Distribution



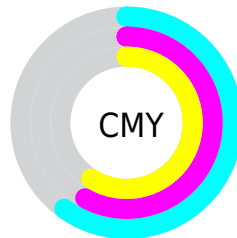
- Red (40%)
- Green (42%)
- Blue (41%)



- Red (40%)
- Yellow (41%)
- Blue (42%)



- Cyan (4%)
- Magenta (0%)
- Yellow (2%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666A68 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 666A68 by changing the saturation by 10% instead.



666A68



666A68

FFFFFF



4E5250



999D9B



373B39



B4B8B6



222524



CFD4D1



0C100E



EBF0EE



000000



666A68



666A68



5B6A63



716A6D



516A5D



7B6A73



466A58



866A78

■ 3C6A53

■ 906A7D

■ 316A4D

■ 9B6A83

■ 266A48

■ A66A88

■ 1C6A43

■ B06A8D

■ 116A3E

■ BB6A92

■ 076A38

■ C56A98

Harmonies

Analogous

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



686A67



666A68



656A6A

Triad

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



666A68



68696C



6D6867

Complementary

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



666A68



6A6668

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.



6D6868



666A68



6A686B

Square

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



666A68



66696C



6C686A



6B6966

Rectangle

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



666A68



656A6B



6C686A



6D6867

Sweetspot

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



666A68



888A89



686A66



444545



C4C4C4



454545

Same Dimension

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



666A68



838A86



666A6A



323634



00753B



00F57A

Inverse Universe

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



6A6668



8A8386



6A6666



363234



75003B



F5007A

Previews

White Background



This preview shows how the Hex color 666A68 looks on a white background.

Color Contrast Check

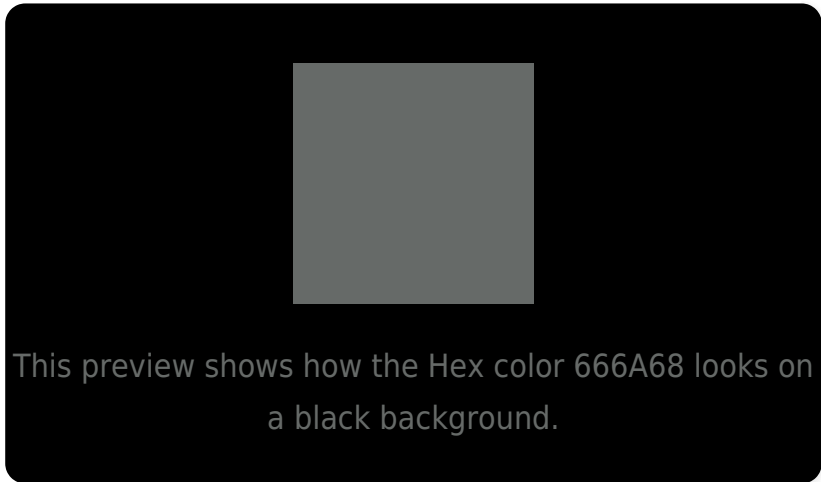
Large Text (above 18pt) WCAG AA ✓ Pass

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

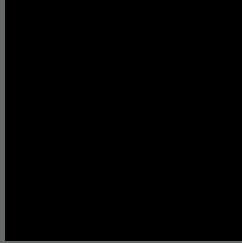
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

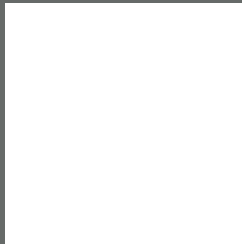
Any Text WCAG AAA × Fail

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

Hex 666A68 Background



This preview shows how black text looks on a background with the Hex color 666A68.



This preview shows how white text looks on a background with the Hex color 666A68.

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


666A68

Protanopia

6B6867

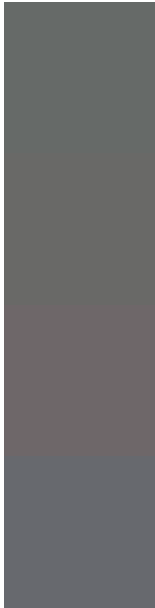
Deuteranopia

736669



Tritanopia
676971

Trichromacy



Original Color

666A68

Protanomaly

696967

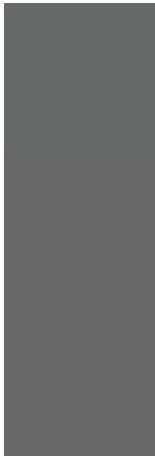
Deuteranomaly

6E6769

Tritanomaly

67696E

Monochromacy



Original Color

666A68

Achromatopsia

696969

Achromatomaly

686969

CSS Examples

Text

The CSS property to change the color of the text to Hex 666A68 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 #666A68 looks like.

```
.text, #text, p{  
    color:#666A68  
}
```

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 #666A68 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666A68
}
```

Border

The CSS property to change the border of an element to Hex 666A68 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
#666A68 }
```

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

```
.border{ border-color:#666A68 }
```

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

Here you see how a box with a 4 pixel #666A68 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666A68; -webkit-box-shadow:4px 4px  
4px 4px #666A68; box-shadow:4px 4px 4px  
4px #666A68 }
```

Background

The CSS property to change the background color of an element to Hex 666A68 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666A68 }
```

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

```
.background{ background-color:#666A68 }
```

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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