

Converting Colors

Hex(666A62)

Have a look what the booklet for
Hex(666A62) contains.

| | |
|--|----|
| Hex(666A62) | 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(666A62)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 666A62 |
| RGB | 102, 106, 98 |
| RGB Percent | 40%, 42%, 38% |
| CMY | 0.6000, 0.5843, 0.6157 |
| CMYK | 0.04, 0.00, 0.08, 0.58 |
| HSL | 90°, 4%, 40% |
| HSV | 90°, 8%, 42% |
| XYZ | 12.8381, 14.0147, 13.5837 |
| YIQ | 103.8920, 0.1840, -3.3360 |

Conversions

Conversions Part 2

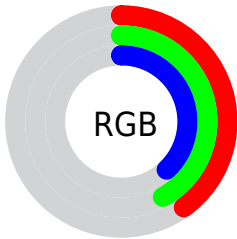
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 98, 106, 102 |
| Decimal | 6711906 |
| CIE _{Lab} | 44.25, -3.17, 3.95 |
| CIE _{LCh} | 44, 5.068, 128.772 |
| Yxy | 14.0147, 0.3175, 0.3466 |
| Android (android.graphics.Color) | 4284901986 (0xFF666A62) |
| YUV | 103.8920, -2.9048, -1.6593 |
| Hunter-Lab | 37.4362, -4.2997, 4.6919 |

Details

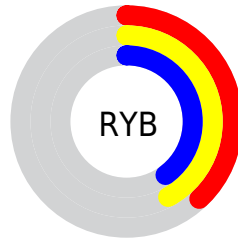
The Hex color **666A62** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **66626A**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **999D95**, and **373B34** is the 20% darker color. If you saturate the color by 10%, you get **616A57**, and if you desaturate by 10%, it is **6B6A6D**.

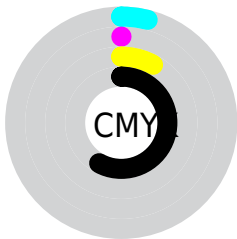
Distribution



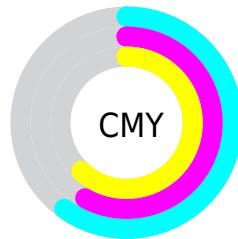
- Red (40%)
- Green (42%)
- Blue (38%)



- Red (38%)
- Yellow (42%)
- Blue (40%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (58%)



- Cyan (60%)
- Magenta (58%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666A62 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 666A62 by changing the saturation by 10% instead.



666A62



666A62

FFFFFF



4E524A



999D95



373B34



B4B8AF



22251F



CFD4CB



0C1006



EBF0E7



000000



666A62



666A62



616A57



6B6A6D



5B6A4D



716A77



566A42



766A82

■ 516A38

■ 7B6A8C

■ 4C6A2D

■ 816A97

■ 466A22

■ 866AA2

■ 416A18

■ 8B6AAC

■ 3C6A0D

■ 906AB7

■ 366A03

■ 966AC1

Harmonies

Analogous

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



6B6960



666A62



626B65

Triad

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



666A62



616A70



726667

Complementary

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



666A62



66626A

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.



6F666C



666A62



666971

Square

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



666A62



5F6B6E



6B676F



726664

Rectangle

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



666A62



5F6B68



6B676F



716669

Sweetspot

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



666A62



888A87



6A6662



444543



C4C4C4



454545

Same Dimension

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



666A62



848A7D



626A62



333630



3B7500



7AF500

Inverse Universe

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



66626A



847D8A



6A626A



333036



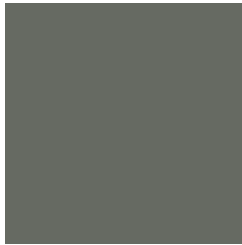
3B0075



7A00F5

Previews

White Background



This preview shows how the Hex color 666A62 looks on a white background.

Color Contrast Check

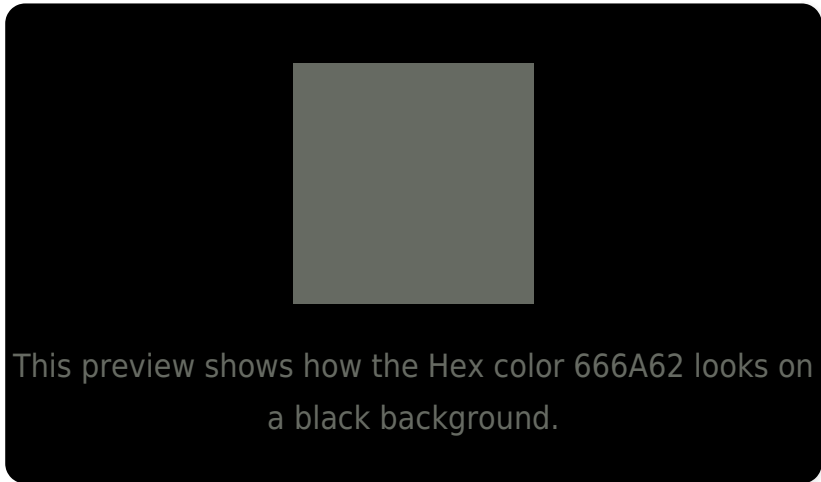
Large Text (above 18pt) WCAG AA ✓ Pass

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

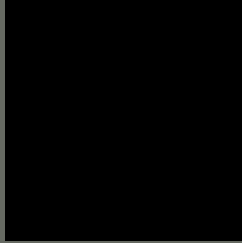
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

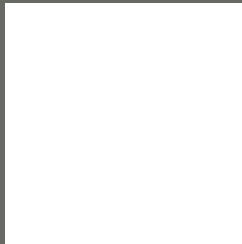
Any Text WCAG AAA × Fail

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

Hex 666A62 Background



This preview shows how black text looks on a background with the Hex color 666A62.



This preview shows how white text looks on a background with the Hex color 666A62.

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

666A62

Protanopia

6C6861

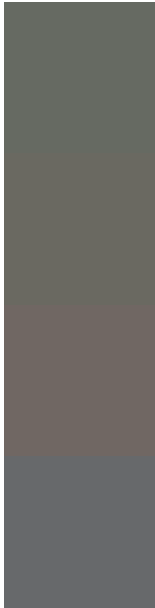
Deuteranopia

756563



Tritanopia
686870

Trichromacy



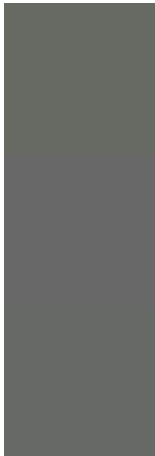
Original Color
666A62

Protanomaly
6A6961

Deuteranomaly
706763

Tritanomaly
67696B

Monochromacy



Original Color
666A62

Achromatopsia
686868

Achromatomaly
676966

CSS Examples

Text

The CSS property to change the color of the text to Hex 666A62 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 #666A62 looks like.

```
.text, #text, p{  
    color:#666A62  
}
```

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 #666A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666A62
}
```

Border

The CSS property to change the border of an element to Hex 666A62 is called "border". The border property can be set on classes, ids or directly on the HTML element.

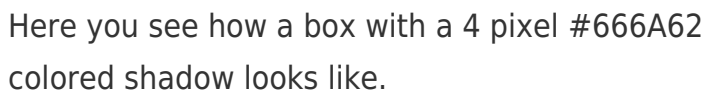
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#666A62 }
```

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

```
.border{ border-color:#666A62 }
```

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



Here you see how a box with a 4 pixel #666A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666A62; -webkit-box-shadow:4px 4px  
4px 4px #666A62; box-shadow:4px 4px 4px  
4px #666A62 }
```

Background

The CSS property to change the background color of an element to Hex 666A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666A62 }
```

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

```
.background{ background-color:#666A62 }
```

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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