

Converting Colors

Hex(666A47)

Have a look what the booklet for
Hex(666A47) contains.

Hex(666A47)	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(666A47)

Conversions

Conversions Part 1

Format	Color
Hex	666A47
RGB	102, 106, 71
RGB Percent	40%, 42%, 28%
CMY	0.6000, 0.5843, 0.7216
CMYK	0.04, 0.00, 0.33, 0.58
HSL	67°, 20%, 35%
HSV	67°, 33%, 42%
XYZ	11.7709, 13.5878, 7.9635
YIQ	100.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

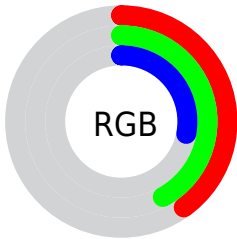
Format	Color
RYB	71, 106, 75
Decimal	6711879
CIELab	43.64, -7.83, 19.18
CIELCh	44, 20.716, 112.194
Yxy	13.5878, 0.3532, 0.4078
Android (android.graphics.Color)	4284901959 (0xFF666A47)
YUV	100.8140, -14.6983, 1.0401
Hunter-Lab	36.8616, -7.5082, 12.9942

Details

The Hex color **666A47** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **4B476A**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **999D78**, and **363B1B** is the 20% darker color. If you saturate the color by 10%, you get **656A3C**, and if you desaturate by 10%, it is **676A52**.

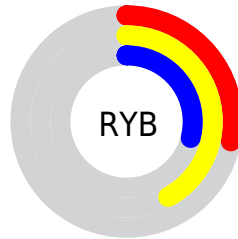
Distribution



 Red (40%)

 Green (42%)

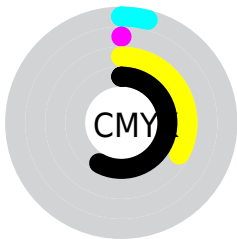
 Blue (28%)




 Red (28%)

 Yellow (42%)

 Blue (29%)

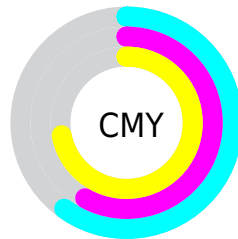



 Cyan (4%)


 Magenta (0%)

 Yellow (33%)

 Black (58%)



 Cyan (60%)

 Magenta (58%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 666A47 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 666A47 by changing the saturation by 10% instead.



666A47



666A47

FFFFFF



4E5230



999D78



363B1B



B4B892



212502



D0D4AC



001100



EDF0C8



000000



FFFFE4



666A47



666A47



656A3C



676A52



646A32



686A5C

■ 626A27

■ 6A6A67

■ 616A1D

■ 6B6A71

■ 606A12

■ 6C6A7C

■ 5F6A07

■ 6D6A87

■ 5E6A00

■ 6E6A91

■ 706A9C

■ 716AA6

Harmonies

Analogous

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



776445



666A47



526E52

Triad

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



666A47



356E82



865B6C

Complementary

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



666A47



4B476A

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.



795E7C



666A47



4A6A89

Square

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



666A47



317073



636487



8A5B5B

Rectangle

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



666A47



45705C



636487



835C72

Sweetspot

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



666A47



888A7C



6A4A47



44453D



C4C4C4



454545

Same Dimension

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



666A47



838A53



556A47



353630



687500



D9F500

Inverse Universe

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



4B476A



59538A



5C476A



313036



0D0075



1C00F5

Previews

White Background



This preview shows how the Hex color 666A47 looks on a white background.

Color Contrast Check

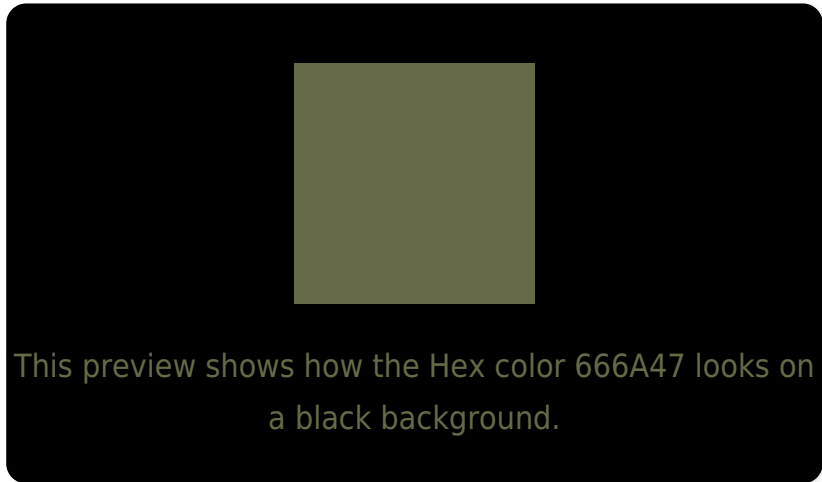
Large Text (above 18pt) WCAG AA ✓ Pass

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

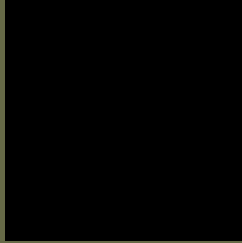
Any Text WCAG AA × Fail

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 666A47 Background



This preview shows how black text looks on a background with the Hex color 666A47.



This preview shows how white text looks on a background with the Hex color 666A47.

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


666A47

Protanopia

706746

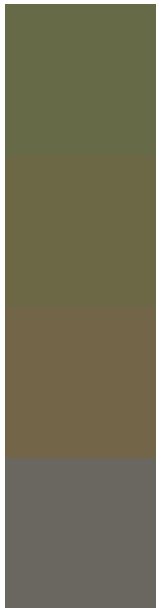
Deuteranopia

7B6349



Tritanopia
6B656D

Trichromacy



Original Color
666A47

Protanomaly
6C6846

Deuteranomaly
736648

Tritanomaly
69675F

Monochromacy



Original Color
666A47

Achromatopsia
656565

Achromatomaly
65675A

CSS Examples

Text

The CSS property to change the color of the text to Hex 666A47 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 #666A47 looks like.

```
.text, #text, p{  
    color:#666A47  
}
```

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 #666A47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #666A47
}
```

Border

The CSS property to change the border of an element to Hex 666A47 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
#666A47 }
```

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

```
.border{ border-color:#666A47 }
```

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

Here you see how a box with a 4 pixel #666A47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #666A47; -webkit-box-shadow:4px 4px  
4px 4px #666A47; box-shadow:4px 4px 4px  
4px #666A47 }
```

Background

The CSS property to change the background color of an element to Hex 666A47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#666A47 }
```

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

```
.background{ background-color:#666A47 }
```

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