

Converting Colors

Hex(646F63)

Have a look what the booklet for
Hex(646F63) contains.

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Color

Hex(646F63)

Conversions

Conversions Part 1

Format	Color
Hex	646F63
RGB	100, 111, 99
RGB Percent	39%, 44%, 39%
CMY	0.6078, 0.5647, 0.6118
CMYK	0.10, 0.00, 0.11, 0.56
HSL	115°, 6%, 41%
HSV	115°, 11%, 44%
XYZ	13.1921, 14.9791, 14.0003
YIQ	106.3430, -2.7040, -6.0640

Conversions

Conversions Part 2

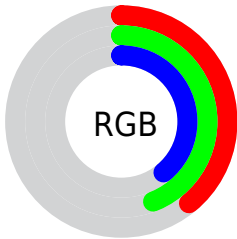
Format	Color
R _Y B	99, 111, 110
Decimal	6582115
CIE Lab	45.61, -6.66, 5.27
CIE LCh	46, 8.495, 141.656
Yxy	14.9791, 0.3128, 0.3552
Android (android.graphics.Color)	4284772195 (0xFF646F63)
YUV	106.3430, -3.6201, -5.5628
Hunter-Lab	38.7028, -6.8870, 5.6444

Details

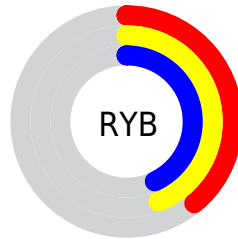
The Hex color **646F63** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6E636F**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **97A396**, and **353F35** is the 20% darker color. If you saturate the color by 10%, you get **5A6F58**, and if you desaturate by 10%, it is **6E6F6E**.

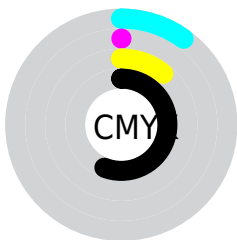
Distribution



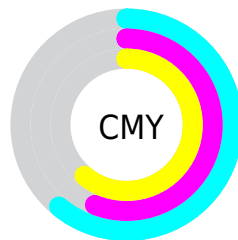
- Red (39%)
- Green (44%)
- Blue (39%)



- Red (39%)
- Yellow (44%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (11%)
- Black (56%)



- Cyan (61%)
- Magenta (56%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646F63 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 646F63 by changing the saturation by 10% instead.

646F63

646F63

FFFFFF

4C574B

97A396

353F35

B2BEB0

20291F

CDD9CC

091507

E9F6E8

000000

646F63

646F63

5A6F58

6E6F6E

506F4D


786F79

456F42

836F84

 3B6F37

 8D6F8F

 316F2C

 976F9B

 276F20

 A16FA6

 1D6F15

 AB6FB1

 136F0A

 B56FBC

 096F00

 C06FC7

Harmonies

Analogous

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



6C6D5F



646F63



5D706A

Triad

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



646F63



626D7A



7B6767

Complementary

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



646F63



6E636F

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.



79676E



646F63



6B6B79

Square

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



646F63



5C6F77



736975



796961

Rectangle

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



646F63



5B706F



736975



7B6769

Sweetspot

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



646F63



8D918D



6F6E63



474A47



C9C9C9



4A4A4A

Same Dimension

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



646F63



80917E



636F68



333832



0A7800



15F700

Inverse Universe

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



6E636F



907E91



6F636A



383238



6E0078



E300F7

Previews

White Background



This preview shows how the Hex color 646F63 looks on a white background.

Color Contrast Check

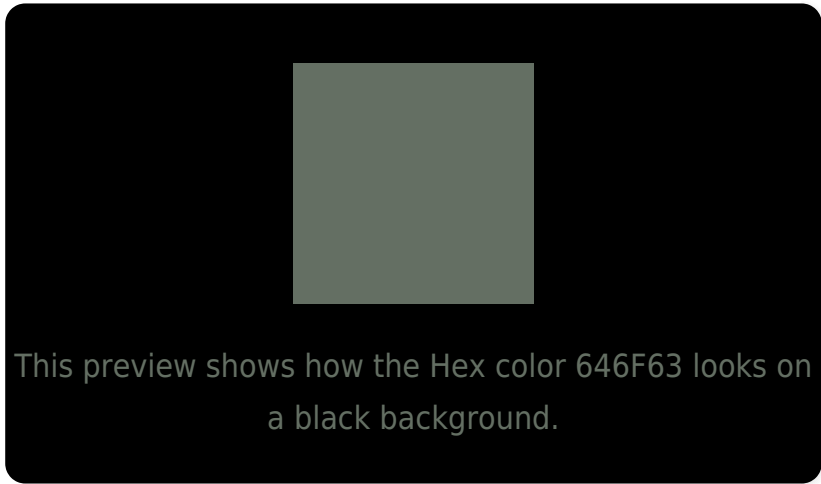
Large Text (above 18pt) WCAG AA ✓ Pass

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

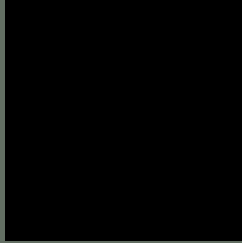
Any Text WCAG AA × Fail

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 646F63 Background



This preview shows how black text looks on a background with the Hex color 646F63.



This preview shows how white text looks on a background with the Hex color 646F63.

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
646F63

Protanopia
706B61

Deuteranopia
796864



Tritanopia
676C75

Trichromacy



Original Color

646F63

Protanomaly

6C6C62

Deuteranomaly

716B64

Tritanomaly

666D6E

Monochromacy



Original Color

646F63

Achromatopsia

6A6A6A

Achromatomaly

686C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 646F63 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 #646F63 looks like.

```
.text, #text, p{  
    color:#646F63  
}
```

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 #646F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646F63
}
```

Border

The CSS property to change the border of an element to Hex 646F63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

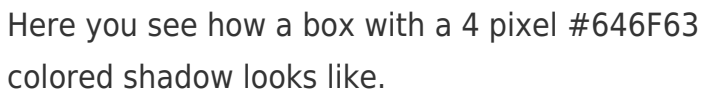
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646F63 }
```

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

```
.border{ border-color:#646F63 }
```

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



Here you see how a box with a 4 pixel #646F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646F63; -webkit-box-shadow:4px 4px  
4px 4px #646F63; box-shadow:4px 4px 4px  
4px #646F63 }
```

Background

The CSS property to change the background color of an element to Hex 646F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646F63 }
```

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

```
.background{ background-color:#646F63 }
```

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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