

Converting Colors

Hex(646E56)

Have a look what the booklet for
Hex(646E56) contains.

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Color

Hex(646E56)

Conversions

Conversions Part 1

Format	Color
Hex	646E56
RGB	100, 110, 86
RGB Percent	39%, 43%, 34%
CMY	0.6078, 0.5686, 0.6627
CMYK	0.09, 0.00, 0.22, 0.57
HSL	85°, 12%, 38%
HSV	85°, 22%, 43%
XYZ	12.5112, 14.5331, 10.9499
YIQ	104.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

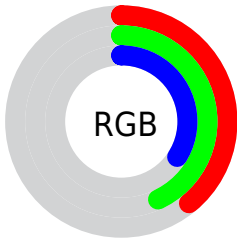
Format	Color
R_{YB}	86, 110, 96
Decimal	6581846
CIE _{Lab}	44.99, -8.53, 12.15
CIE _{LCh}	45, 14.844, 125.094
Yxy	14.5331, 0.3293, 0.3825
Android (android.graphics.Color)	4284771926 (0xFF646E56)
YUV	104.2740, -9.0091, -3.7483
Hunter-Lab	38.1223, -8.1329, 9.6557

Details

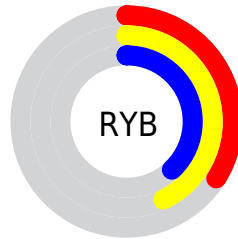
The Hex color **646E56** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **60566E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **97A288**, and **353E29** is the 20% darker color. If you saturate the color by 10%, you get **5F6E4B**, and if you desaturate by 10%, it is **696E61**.

Distribution



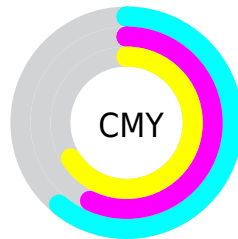
- Red (39%)
- Green (43%)
- Blue (34%)



- Red (34%)
- Yellow (43%)
- Blue (38%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (57%)



- Cyan (61%)
- Magenta (57%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646E56 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 646E56 by changing the saturation by 10% instead.



646E56



646E56

FFFFFF



4C563F



97A288



353E29



B2BDA2



202914



CDD8BD



061500



EAF5D9



000000



FFFFFF5



646E56



646E56



5F6E4B



696E61



5B6E40



6D6E6C

■ 566E35

■ 726E77

■ 526E2A

■ 766E82

■ 4D6E1F

■ 7B6E8D

■ 486E14

■ 806E98

■ 446E09

■ 846EA3

■ 406E00

■ 896EAE

■ 8D6EB9

Harmonies

Analogous

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



726A52



646E56



567160

Triad

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



646E56



506F80



836269

Complementary

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



646E56



60566E

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.



7C6375



646E56



5F6B83

Square

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



646E56



487178



6F677F



83635D

Rectangle

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



646E56



4E7168



6F677F



82626D

Sweetspot

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



646E56



8B8F85



6E6056



454742



C7C7C7



474747

Same Dimension

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



646E56



7F8F6A



586E56



363832



467800



90F700

Inverse Universe

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



60566E



796A8F



6C566E



353238



320078



6700F7

Previews

White Background



This preview shows how the Hex color 646E56 looks on a white background.

Color Contrast Check

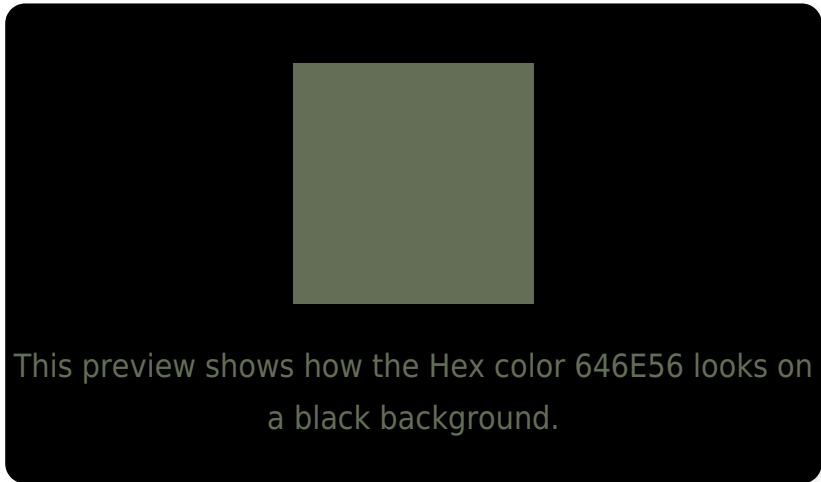
Large Text (above 18pt) WCAG AA ✓ Pass

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

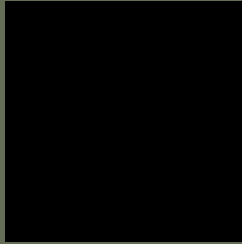
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

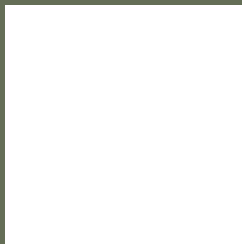
Any Text WCAG AAA × Fail

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

Hex 646E56 Background



This preview shows how black text looks on a background with the Hex color 646E56.



This preview shows how white text looks on a background with the Hex color 646E56.

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
646E56

Protanopia
716A54

Deuteranopia
7B6658



Tritanopia
686A73

Trichromacy



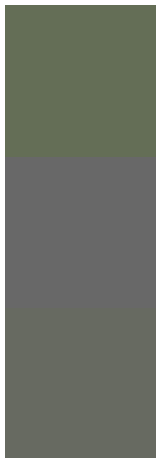
Original Color
646E56

Protanomaly
6C6B55

Deuteranomaly
736957

Tritanomaly
676B68

Monochromacy



Original Color
646E56

Achromatopsia
686868

Achromatomaly
676A61

CSS Examples

Text

The CSS property to change the color of the text to Hex 646E56 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 #646E56 looks like.

```
.text, #text, p{  
    color:#646E56  
}
```

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 #646E56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646E56
}
```

Border

The CSS property to change the border of an element to Hex 646E56 is called "border". The border property can be set on classes, ids or directly on the HTML element.

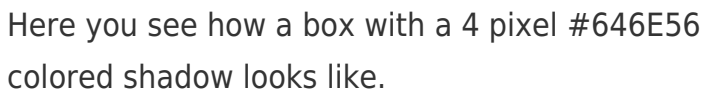
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646E56 }
```

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

```
.border{ border-color:#646E56 }
```

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



Here you see how a box with a 4 pixel #646E56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646E56; -webkit-box-shadow:4px 4px  
4px 4px #646E56; box-shadow:4px 4px 4px  
4px #646E56 }
```

Background

The CSS property to change the background color of an element to Hex 646E56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646E56 }
```

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

```
.background{ background-color:#646E56 }
```

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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