

Converting Colors

Hex(646B67)

Have a look what the booklet for
Hex(646B67) contains.

Hex(646B67)	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(646B67)

Conversions

Conversions Part 1

Format	Color
Hex	646B67
RGB	100, 107, 103
RGB Percent	39%, 42%, 40%
CMY	0.6078, 0.5804, 0.5961
CMYK	0.07, 0.00, 0.04, 0.58
HSL	146°, 3%, 41%
HSV	146°, 7%, 42%
XYZ	12.9614, 14.2040, 14.8905
YIQ	104.4510, -2.8880, -2.7280

Conversions

Conversions Part 2

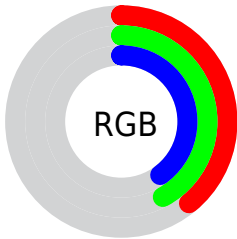
Format	Color
R_{YB}	100, 105, 107
Decimal	6581095
CIE _{Lab}	44.52, -3.52, 1.31
CIE _{LCh}	45, 3.755, 159.581
Yxy	14.2040, 0.3082, 0.3377
Android (android.graphics.Color)	4284771175 (0xFF646B67)
YUV	104.4510, -0.7153, -3.9035
Hunter-Lab	37.6882, -4.5661, 2.9565

Details

The Hex color **646B67** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **6B6468**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **979E9A**, and **353C38** is the 20% darker color. If you saturate the color by 10%, you get **596B61**, and if you desaturate by 10%, it is **6F6B6D**.

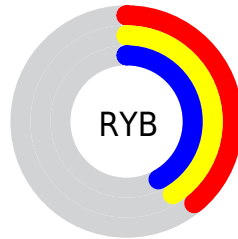
Distribution



Red (39%)

Green (42%)

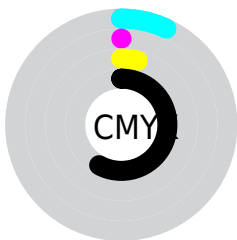
Blue (40%)



Red (39%)

Yellow (41%)

Blue (42%)

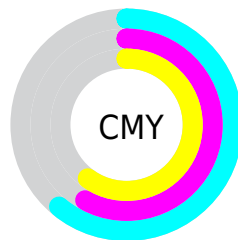


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (58%)



Cyan (61%)

Magenta (58%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646B67 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 646B67 by changing the saturation by 10% instead.



646B67



646B67

FFFFFF



4C534F



979E9A



353C38



B2B9B5



202623



CDD5D0



09110D



E9F1ED



000000



646B67



646B67



596B61



6F6B6D



4F6B5B



796B73



446B55



846B79

■ 396B4F

■ 8F6B7F

■ 2F6B48

■ 9A6B86

■ 246B42

■ A46B8C

■ 196B3C

■ AF6B92

■ 0E6B36

■ BA6B98

■ 046B30

■ C46B9E

Harmonies

Analogous

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



676A64



646B67



626B6A

Triad

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



646B67



67696F



706865

Complementary

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



646B67



6B6468

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.



706768



646B67



6B686E

Square

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



646B67



646A6F



6E676C



6E6864

Rectangle

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



646B67



626B6C



6E676C



706766

Sweetspot

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



646B67



898C8B



686B64



464747



C7C7C7



474747

Same Dimension

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



646B67



818C86



646B6A



303632



007532



00F569

Inverse Universe

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



6B6468



8C8187



6B6465



363033



750043



F5008C

Previews

White Background



This preview shows how the Hex color 646B67 looks on a white background.

Color Contrast Check

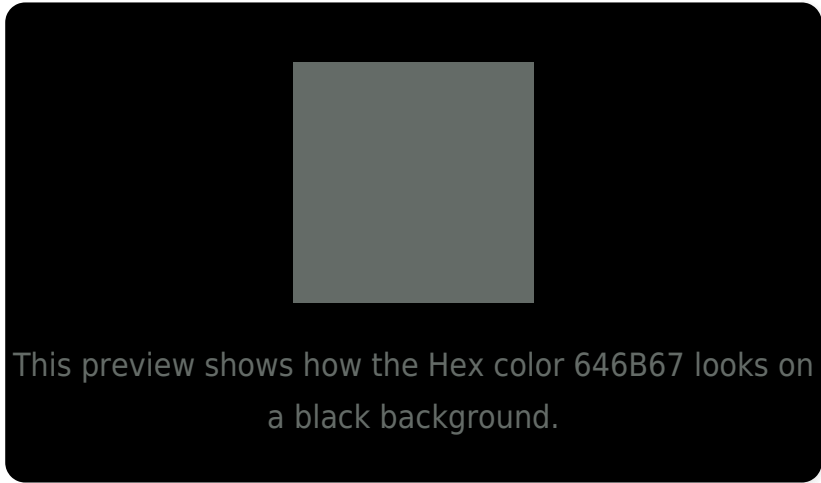
Large Text (above 18pt) WCAG AA ✓ Pass

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

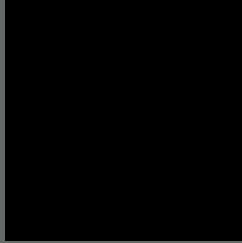
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

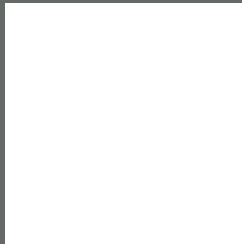
Any Text WCAG AAA × Fail

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

Hex 646B67 Background



This preview shows how black text looks on a background with the Hex color 646B67.



This preview shows how white text looks on a background with the Hex color 646B67.

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
646B67

Protanopia
6C6966

Deuteranopia
746668



Tritanopia
666972

Trichromacy



Original Color

646B67

Protanomaly

696A66

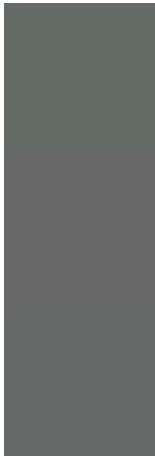
Deuteranomaly

6E6868

Tritanomaly

656A6E

Monochromacy



Original Color

646B67

Achromatopsia

686868

Achromatomaly

676968

CSS Examples

Text

The CSS property to change the color of the text to Hex 646B67 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 #646B67 looks like.

```
.text, #text, p{  
    color:#646B67  
}
```

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 #646B67 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646B67  
}
```

Border

The CSS property to change the border of an element to Hex 646B67 is called "border". The border property can be set on classes, ids or directly on the HTML element.

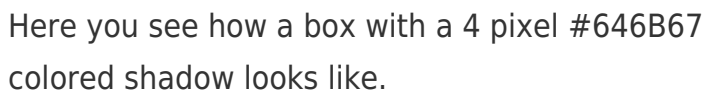
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#646B67 }
```

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

```
.border{ border-color:#646B67 }
```

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



Here you see how a box with a 4 pixel #646B67 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646B67; -webkit-box-shadow:4px 4px  
4px 4px #646B67; box-shadow:4px 4px 4px  
4px #646B67 }
```

Background

The CSS property to change the background color of an element to Hex 646B67 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646B67 }
```

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

```
.background{ background-color:#646B67 }
```

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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