

Converting Colors

Hex(646167)

Have a look what the booklet for
Hex(646167) contains.

Hex(646167)	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(646167)

Conversions

Conversions Part 1

Format	Color
Hex	646167
RGB	100, 97, 103
RGB Percent	39%, 38%, 40%
CMY	0.6078, 0.6196, 0.5961
CMYK	0.03, 0.06, 0.00, 0.60
HSL	270°, 3%, 39%
HSV	270°, 6%, 40%
XYZ	11.9784, 12.2380, 14.5628
YIQ	98.5810, -0.1380, 2.5020

Conversions

Conversions Part 2

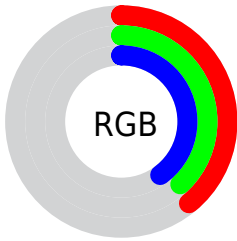
Format	Color
R_{YB}	100, 97, 103
Decimal	6578535
CIE Lab	41.59, 2.44, -2.98
CIE LCh	42, 3.855, 309.289
Yxy	12.2380, 0.3089, 0.3156
Android (android.graphics.Color)	4284768615 (0xFF646167)
YUV	98.5810, 2.1786, 1.2445
Hunter-Lab	34.9828, -0.1001, -0.1935

Details

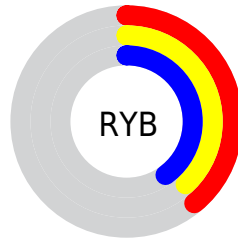
The Hex color **646167** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **646761**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **97949A**, and **353338** is the 20% darker color. If you saturate the color by 10%, you get **5F5767**, and if you desaturate by 10%, it is **696B67**.

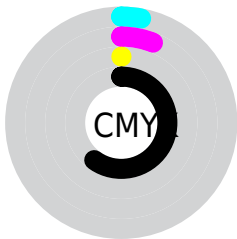
Distribution



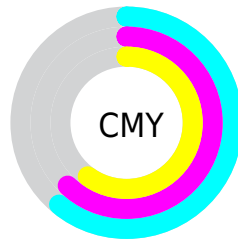
- Red (39%)
- Green (38%)
- Blue (40%)



- Red (39%)
- Yellow (38%)
- Blue (40%)



- Cyan (3%)
- Magenta (6%)
- Yellow (0%)
- Black (60%)



- Cyan (61%)
- Magenta (62%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646167 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 646167 by changing the saturation by 10% instead.



646167



646167

FFFFFF



4C494F



97949A



353338



B1AEB5



201E23



CDCAD0



09040D



E9E6ED



000000



646167



646167



5F5767



696B67



5A4C67



6E7667



554267



738067

■ 4F3867

■ 798A67

■ 4A2D67

■ 7E9567

■ 452367

■ 839F67

■ 401967

■ 88A967

■ 3B0F67

■ 8DB367

■ 360467

■ 92BE67

Harmonies

Analogous

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



606268



646167



676064

Triad

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



646167



67615C



5B6463

Complementary

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



646167



646761

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.



5D6460



646167



64625C

Square

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



646167



69605E



60635D



5B6466

Rectangle

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



646167



696062



60635D



5B6462

Sweetspot

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



646167



868487



616467



444345



C4C4C4



454545

Same Dimension

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



646167



827E87



676167



312F33



390073



7900F2

Inverse Universe

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



676164



877E82



616761



332F31



730039



F20079

Previews

White Background



This preview shows how the Hex color 646167 looks on a white background.

Color Contrast Check

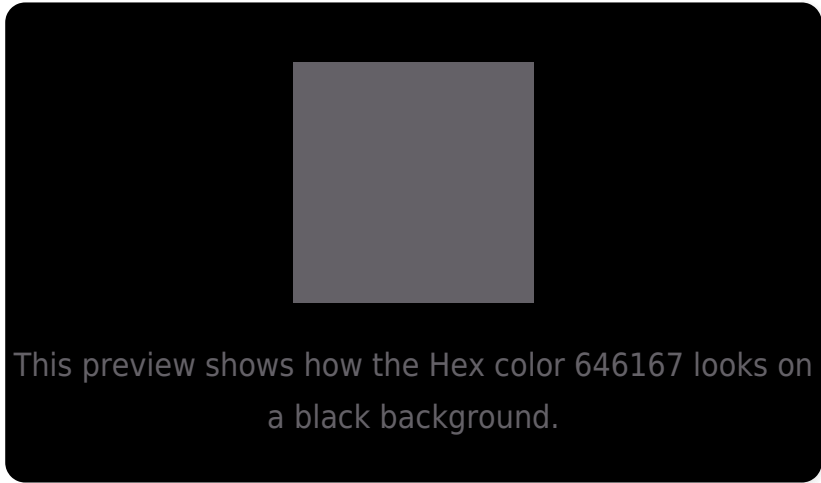
Large Text (above 18pt) WCAG AA ✓ Pass

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

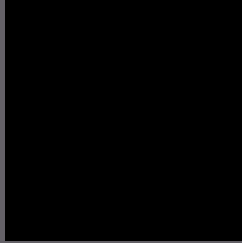
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

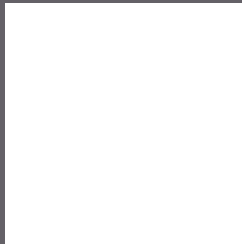
Any Text WCAG AAA × Fail

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

Hex 646167 Background



This preview shows how black text looks on a background with the Hex color 646167.



This preview shows how white text looks on a background with the Hex color 646167.

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
646167

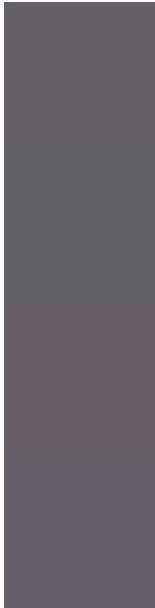
Protanopia
626267

Deuteranopia
695F67



Tritanopia
646168

Trichromacy



Original Color

646167

Protanomaly

636267

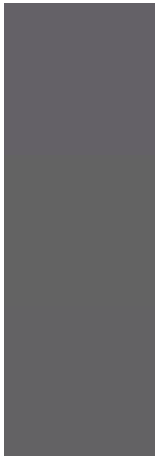
Deuteranomaly

676067

Tritanomaly

646168

Monochromacy



Original Color

646167

Achromatopsia

636363

Achromatomaly

636264

CSS Examples

Text

The CSS property to change the color of the text to Hex 646167 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 #646167 looks like.

```
.text, #text, p{  
    color:#646167  
}
```

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 #646167 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646167
}
```

Border

The CSS property to change the border of an element to Hex 646167 is called "border". The border property can be set on classes, ids or directly on the HTML element.

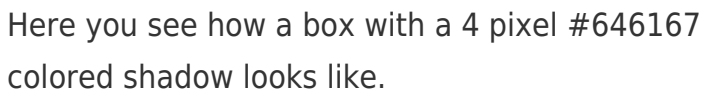
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646167 }
```

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

```
.border{ border-color:#646167 }
```

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



Here you see how a box with a 4 pixel #646167 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646167; -webkit-box-shadow:4px 4px  
4px 4px #646167; box-shadow:4px 4px 4px  
4px #646167 }
```

Background

The CSS property to change the background color of an element to Hex 646167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646167 }
```

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

```
.background{ background-color:#646167 }
```

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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