

Converting Colors

Hex(646467)

Have a look what the booklet for
Hex(646467) contains.

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Color

Hex(646467)

Conversions

Conversions Part 1

Format	Color
Hex	646467
RGB	100, 100, 103
RGB Percent	39%, 39%, 40%
CMY	0.6078, 0.6078, 0.5961
CMYK	0.03, 0.03, 0.00, 0.60
HSL	240°, 1%, 40%
HSV	240°, 3%, 40%
XYZ	12.2609, 12.8029, 14.6570
YIQ	100.3420, -0.9630, 0.9330

Conversions

Conversions Part 2

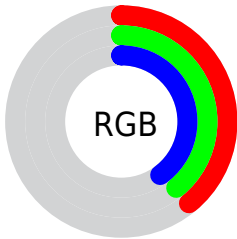
Format	Color
R_{YB}	100, 100, 103
Decimal	6579303
CIE _{Lab}	42.46, 0.63, -1.70
CIE _{LCh}	42, 1.813, 290.465
Yxy	12.8029, 0.3087, 0.3223
Android (android.graphics.Color)	4284769383 (0xFF646467)
YUV	100.3420, 1.3104, -0.2999
Hunter-Lab	35.7812, -1.4518, 0.7600

Details

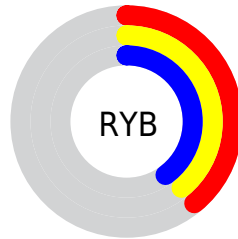
The Hex color **646467** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676764**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **97979A**, and **353538** is the 20% darker color. If you saturate the color by 10%, you get **5A5A67**, and if you desaturate by 10%, it is **6E6E67**.

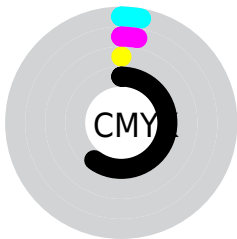
Distribution



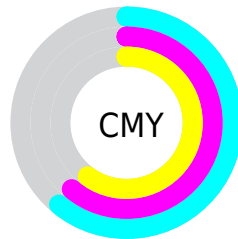
- Red (39%)
- Green (39%)
- Blue (40%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 646467 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 646467 by changing the saturation by 10% instead.



646467



646467

FFFFFF



4C4C4F



97979A



353538



B1B1B5



202023



CDCDD0



09090D



E9E9ED



000000



646467



646467



5A5A67



6E6E67



4F4F67



797967



454567



838367

■ 3B3B67

■ 8D8D67

■ 313167

■ 989867

■ 262667

■ A2A267

■ 1C1C67

■ ACAC67

■ 121267

■ B6B667

■ 070767

■ C1C167

Harmonies

Analogous

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



626467



646467



666466

Triad

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



646467



676462



616564

Complementary

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



646467



676764

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.



636562



646467



666461

Square

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



646467



686363



646461



616565

Rectangle

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



646467



676365



646461



626563

Sweetspot

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



646467



868687



646767



444445



C4C4C4



454545

Same Dimension

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



646467



838387



666467



313133



000073



0000F2

Inverse Universe

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



676467



878387



666764



333133



730073



F200F2

Previews

White Background



This preview shows how the Hex color 646467 looks on a white background.

Color Contrast Check

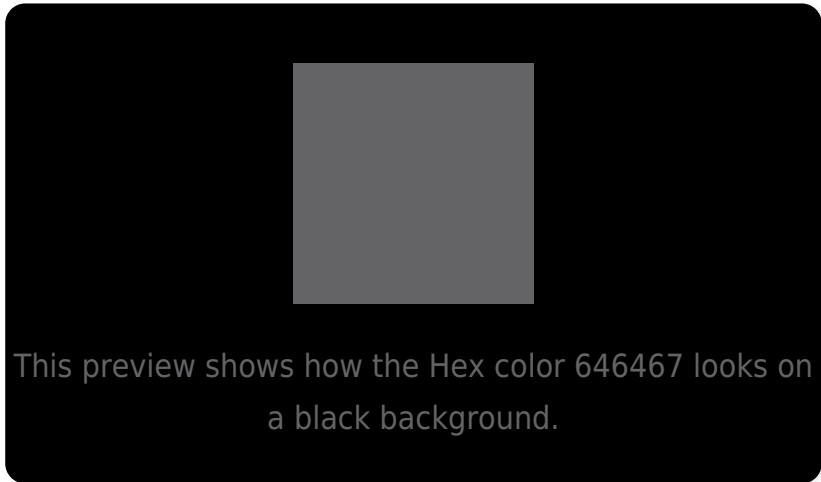
Large Text (above 18pt) WCAG AA ✓ Pass

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

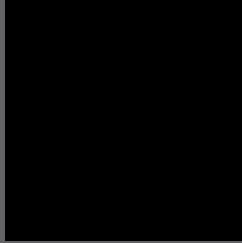
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

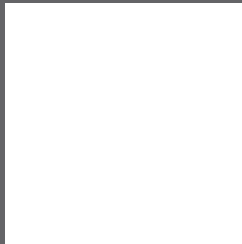
Any Text WCAG AAA × Fail

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

Hex 646467 Background



This preview shows how black text looks on a background with the Hex color 646467.



This preview shows how white text looks on a background with the Hex color 646467.

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

646467

Protanopia

656467

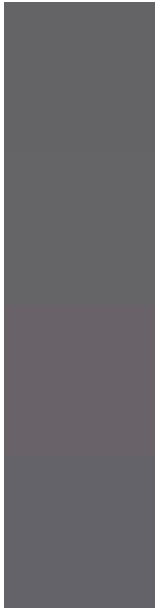
Deuteranopia

6C6168



Tritanopia
65636B

Trichromacy



Original Color

646467

Protanomaly

656467

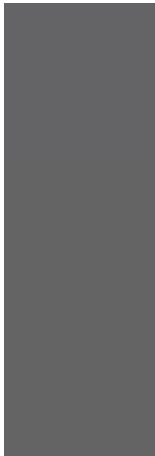
Deuteranomaly

696268

Tritanomaly

65636A

Monochromacy



Original Color

646467

Achromatopsia

646464

Achromatomaly

646465

CSS Examples

Text

The CSS property to change the color of the text to Hex 646467 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 #646467 looks like.

```
.text, #text, p{  
    color:#646467  
}
```

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 #646467 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646467
}
```

Border

The CSS property to change the border of an element to Hex 646467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

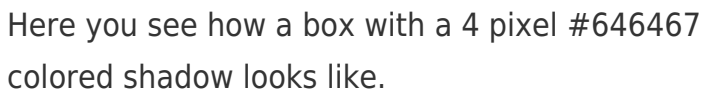
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646467 }
```

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

```
.border{ border-color:#646467 }
```

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



Here you see how a box with a 4 pixel #646467 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646467; -webkit-box-shadow:4px 4px  
4px 4px #646467; box-shadow:4px 4px 4px  
4px #646467 }
```

Background

The CSS property to change the background color of an element to Hex 646467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646467 }
```

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

```
.background{ background-color:#646467 }
```

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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