

Converting Colors

Hex(646368)

Have a look what the booklet for
Hex(646368) contains.

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Color

Hex(646368)

Conversions

Conversions Part 1

Format	Color
Hex	646368
RGB	100, 99, 104
RGB Percent	39%, 39%, 41%
CMY	0.6078, 0.6118, 0.5922
CMYK	0.04, 0.05, 0.00, 0.59
HSL	252°, 2%, 40%
HSV	252°, 5%, 41%
XYZ	12.2161, 12.6325, 14.8912
YIQ	99.8690, -1.0090, 1.7670

Conversions

Conversions Part 2

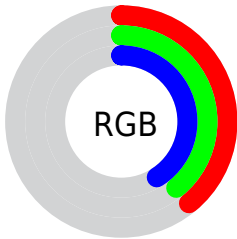
Format	Color
R_{YB}	100, 99, 104
Decimal	6579048
CIE Lab	42.20, 1.45, -2.69
CIE LCh	42, 3.057, 298.301
Yxy	12.6325, 0.3074, 0.3179
Android (android.graphics.Color)	4284769128 (0xFF646368)
YUV	99.8690, 2.0366, 0.1149
Hunter-Lab	35.5422, -0.8474, 0.0387

Details

The Hex color **646368** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **676863**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **97969B**, and **353539** is the 20% darker color. If you saturate the color by 10%, you get **5C5968**, and if you desaturate by 10%, it is **6C6D68**.

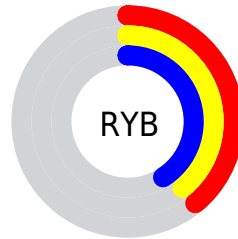
Distribution



Red (39%)

Green (39%)

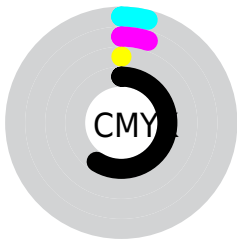
Blue (41%)



Red (39%)

Yellow (39%)

Blue (41%)

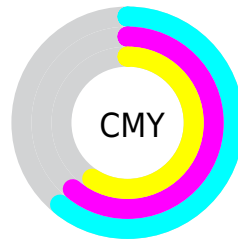


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (59%)



Cyan (61%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646368 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 646368 by changing the saturation by 10% instead.

■ 646368

■ 646368

FFFFFF

■ 4C4B50

■ 97969B

■ 353539

■ B1B0B6

■ 201F24

■ CDCCD1

■ 09070E

■ E9E8EE

■ 000000

■ 646368

■ 646368

■ 5C5968

■ 6C6D68

■ 534E68

■ 757868

■ 4B4468

■ 7D8268

■ 433968

■ 858D68

■ 3A2F68

■ 8E9768

■ 322568

■ 96A168

■ 2A1A68

■ 9EAC68

■ 211068

■ A7B668

■ 190568

■ AFC168

Harmonies

Analogous

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



616469



646368



676266

Triad

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



646368



68635F



5E6563

Complementary

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



646368



676863

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.



606561



646368



66635F

Square

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



646368



696261



63645F



5E6566

Rectangle

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



646368



686265



63645F



5F6562

Sweetspot

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



646368



868687



636768



444445



C4C4C4



454545

Same Dimension

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



646368



817F87



666368



302F33



170073



3000F2

Inverse Universe

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



686367



877F86



656863



332F32



73005C



F200C2

Previews

White Background



This preview shows how the Hex color 646368 looks on a white background.

Color Contrast Check

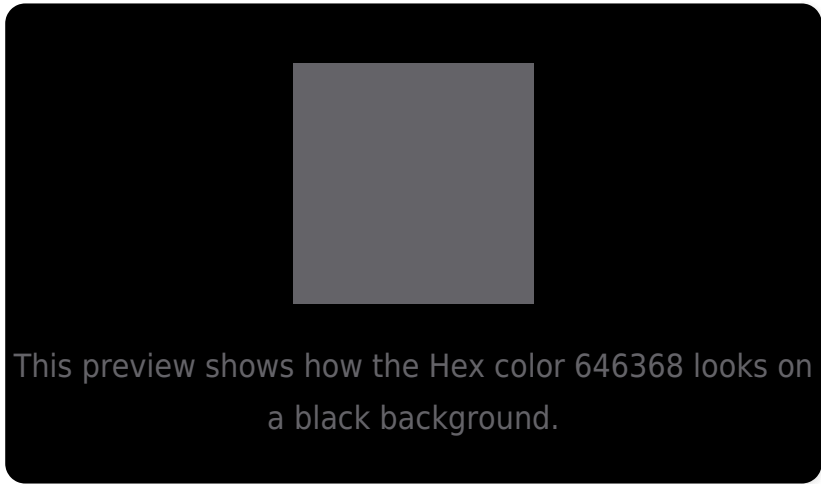
Large Text (above 18pt) WCAG AA ✓ Pass

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

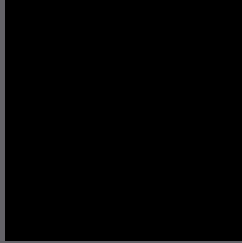
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

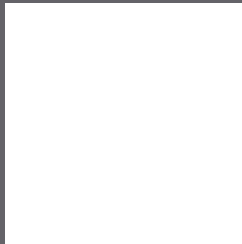
Any Text WCAG AAA × Fail

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

Hex 646368 Background



This preview shows how black text looks on a background with the Hex color 646368.



This preview shows how white text looks on a background with the Hex color 646368.

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
646368

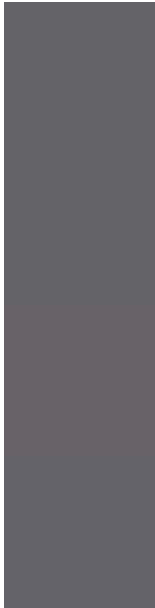
Protanopia
646368

Deuteranopia
6B6168



Tritanopia
64636A

Trichromacy



Original Color

646368

Protanomaly

646368

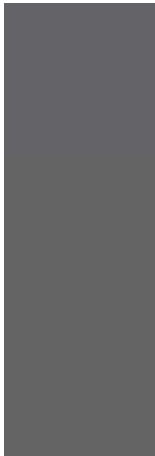
Deuteranomaly

686268

Tritanomaly

646369

Monochromacy



Original Color

646368

Achromatopsia

646464

Achromatomaly

646465

CSS Examples

Text

The CSS property to change the color of the text to Hex 646368 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 #646368 looks like.

```
.text, #text, p{  
    color:#646368  
}
```

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 #646368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646368
}
```

Border

The CSS property to change the border of an element to Hex 646368 is called "border". The border property can be set on classes, ids or directly on the HTML element.

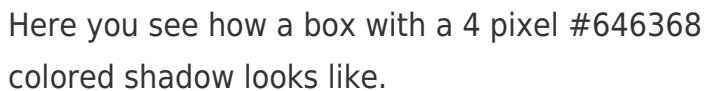
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646368 }
```

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

```
.border{ border-color:#646368 }
```

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



Here you see how a box with a 4 pixel #646368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646368; -webkit-box-shadow:4px 4px  
4px 4px #646368; box-shadow:4px 4px 4px  
4px #646368 }
```

Background

The CSS property to change the background color of an element to Hex 646368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646368 }
```

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

```
.background{ background-color:#646368 }
```

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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