

Converting Colors

Hex(646469)

Have a look what the booklet for
Hex(646469) contains.

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Color

Hex(646469)

Conversions

Conversions Part 1

Format	Color
Hex	646469
RGB	100, 100, 105
RGB Percent	39%, 39%, 41%
CMY	0.6078, 0.6078, 0.5882
CMYK	0.05, 0.05, 0.00, 0.59
HSL	240°, 2%, 40%
HSV	240°, 5%, 41%
XYZ	12.3625, 12.8436, 15.1921
YIQ	100.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

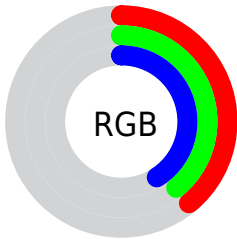
Format	Color
R_{YB}	100, 100, 105
Decimal	6579305
CIE _{Lab}	42.53, 1.06, -2.82
CIE _{LCh}	43, 3.018, 290.633
Yxy	12.8436, 0.3060, 0.3179
Android (android.graphics.Color)	4284769385 (0xFF646469)
YUV	100.5700, 2.1840, -0.4999
Hunter-Lab	35.8380, -1.1418, -0.0471

Details

The Hex color **646469** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **696964**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **97979C**, and **35353A** is the 20% darker color. If you saturate the color by 10%, you get **5A5A69**, and if you desaturate by 10%, it is **6F6F69**.

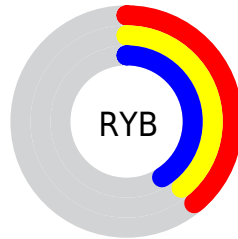
Distribution



Red (39%)

Green (39%)

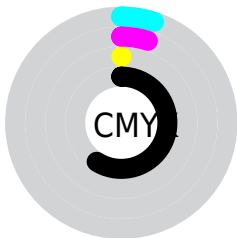
Blue (41%)



Red (39%)

Yellow (39%)

Blue (41%)

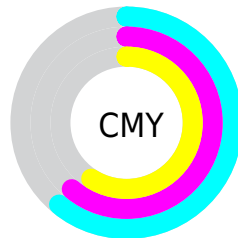


Cyan (5%)

Magenta (5%)

Yellow (0%)

Black (59%)



Cyan (61%)

Magenta (61%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646469 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 646469 by changing the saturation by 10% instead.

■ 646469

■ 646469

FFFFFF

■ 4C4C51

■ 97979C

■ 35353A

■ B1B1B7

■ 202024

■ CDCDD3

■ 09090F

■ E9E9EF

■ 000000

■ 646469

■ 646469

■ 5A5A69

■ 6F6F69

■ 4F4F69

■ 797969

■ 454569

■ 848469

■ 3A3A69

■ 8E8E69

■ 303069

■ 999969

■ 252569

■ A3A369

■ 1A1A69

■ ADAD69

■ 101069

■ B8B869

■ 060669

■ C3C369

Harmonies

Analogous

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



616569



646469



676368

Triad

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



646469



696361



5F6663

Complementary

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



646469



696964

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.



626561



646469



676460

Square

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



646469



6A6363



656560



5E6666

Rectangle

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



646469



696366



656560



606663

Sweetspot

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



646469



88888A



646969



444445



C4C4C4



454545

Same Dimension

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



646469



81818A



666469



323236



000075



0000F5

Inverse Universe

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



696469



8A818A



666964



363236



750075



F500F5

Previews

White Background



This preview shows how the Hex color 646469 looks on a white background.

Color Contrast Check

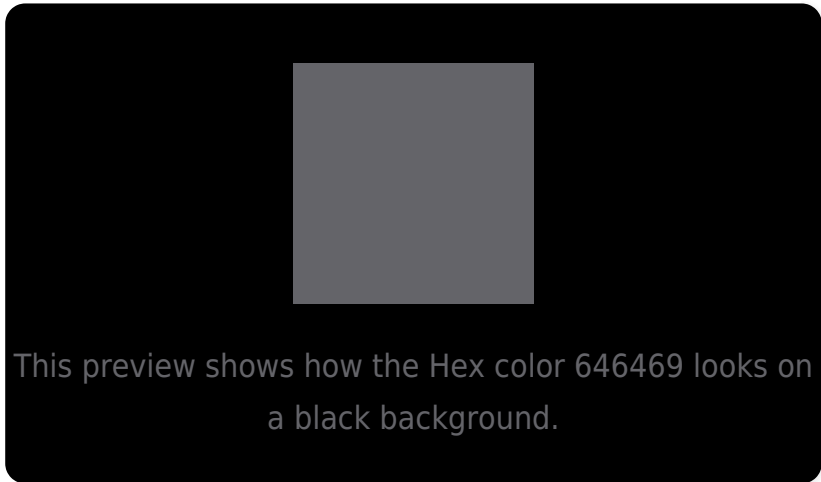
Large Text (above 18pt) WCAG AA ✓ Pass

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

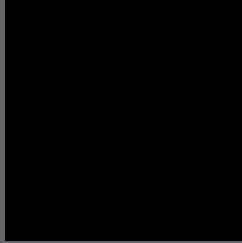
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

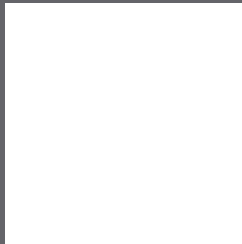
Any Text WCAG AAA × Fail

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

Hex 646469 Background



This preview shows how black text looks on a background with the Hex color 646469.



This preview shows how white text looks on a background with the Hex color 646469.

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
646469

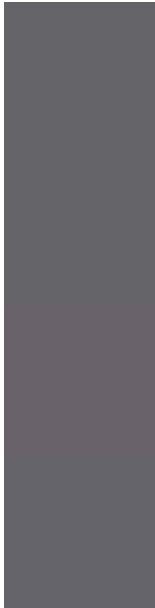
Protanopia
656469

Deuteranopia
6C616A



Tritanopia
64646B

Trichromacy



Original Color

646469

Protanomaly

656469

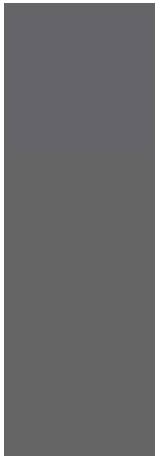
Deuteranomaly

69626A

Tritanomaly

64646A

Monochromacy



Original Color

646469

Achromatopsia

656565

Achromatomaly

656566

CSS Examples

Text

The CSS property to change the color of the text to Hex 646469 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 #646469 looks like.

```
.text, #text, p{  
    color:#646469  
}
```

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 #646469 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646469
}
```

Border

The CSS property to change the border of an element to Hex 646469 is called "border". The border property can be set on classes, ids or directly on the HTML element.

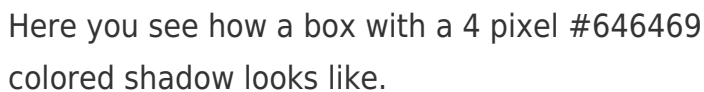
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646469 }
```

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

```
.border{ border-color:#646469 }
```

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



Here you see how a box with a 4 pixel #646469 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646469; -webkit-box-shadow:4px 4px  
4px 4px #646469; box-shadow:4px 4px 4px  
4px #646469 }
```

Background

The CSS property to change the background color of an element to Hex 646469 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646469 }
```

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

```
.background{ background-color:#646469 }
```

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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