

Converting Colors

Hex(646059)

Have a look what the booklet for
Hex(646059) contains.

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Color

Hex(646059)

Conversions

Conversions Part 1

Format	Color
Hex	646059
RGB	100, 96, 89
RGB Percent	39%, 38%, 35%
CMY	0.6078, 0.6235, 0.6510
CMYK	0.00, 0.04, 0.11, 0.61
HSL	38°, 6%, 37%
HSV	38°, 11%, 39%
XYZ	11.2416, 11.7963, 11.1356
YIQ	96.3980, 4.6310, -1.3290

Conversions

Conversions Part 2

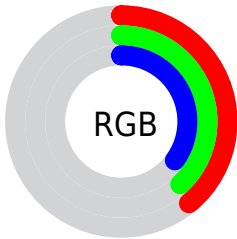
Format	Color
RYB	95, 100, 89
Decimal	6578265
CIELab	40.89, 0.21, 4.56
CIELCh	41, 4.563, 87.300
Yxy	11.7963, 0.3290, 0.3452
Android (android.graphics.Color)	4284768345 (0xFF646059)
YUV	96.3980, -3.6472, 3.1590
Hunter-Lab	34.3458, -1.6811, 4.8190

Details

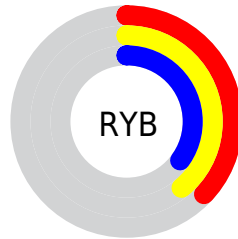
The Hex color **646059** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **595D64**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **97928B**, and **35322C** is the 20% darker color. If you saturate the color by 10%, you get **645C4F**, and if you desaturate by 10%, it is **646463**.

Distribution



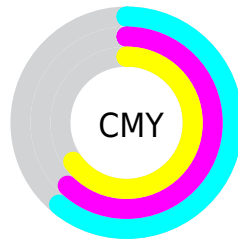
- Red (39%)
- Green (38%)
- Blue (35%)



- Red (37%)
- Yellow (39%)
- Blue (35%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646059 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 646059 by changing the saturation by 10% instead.



646059



646059

FFFFFF



4C4842



97928B



35322C



B2ADA5



201D17



CDC8C0



060300



E9E4DC



000000



FFFFFF9



646059



646059



645C4F



646463



645945



64676D

■ 64553B

■ 646B77

■ 645131

■ 646F81

■ 644E27

■ 64728B

■ 644A1D

■ 647695

■ 644713

■ 64799F

■ 644309

■ 647DA9

■ 644000

■ 6481B3

Harmonies

Analogous

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



675F5A



646059



60615A

Triad

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



646059



576364



655F64

Complementary

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



646059



595D64

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.



616067



646059



596267

Square

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



646059



586360



5C6168



685E61

Rectangle

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



646059



5D625B



5C6168



645F65

Sweetspot

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



646059



82817E



64595D



424140



C2C2C2



424242

Same Dimension

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



646059



827C71



636459



33312E



734900



F29A00

Inverse Universe

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



595D64



717782



5A5964



2E3033



002A73



0058F2

Previews

White Background



This preview shows how the Hex color 646059 looks on a white background.

Color Contrast Check

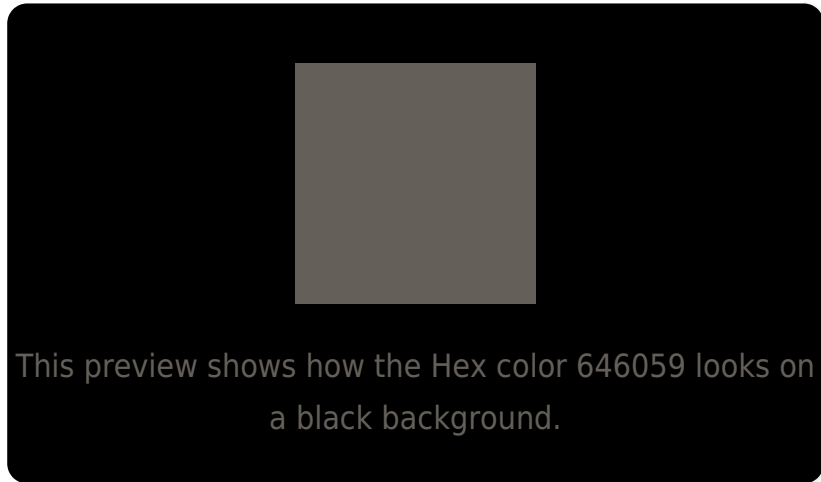
Large Text (above 18pt) WCAG AA ✓ Pass

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

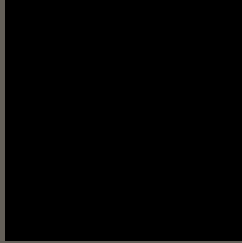
Any Text WCAG AA × Fail

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 646059 Background



This preview shows how black text looks on a background with the Hex color 646059.



This preview shows how white text looks on a background with the Hex color 646059.

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

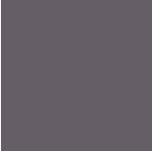
646059

Protanopia

646059

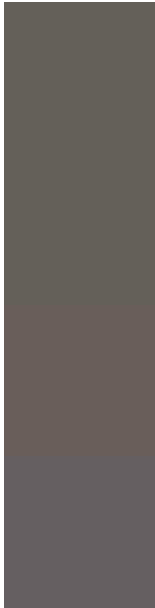
Deuteranopia

6C5D5A



Tritanopia
665E66

Trichromacy



Original Color

646059

Protanomaly

646059

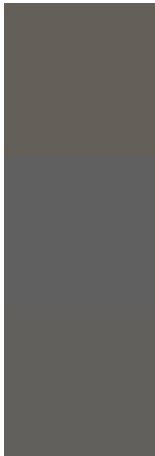
Deuteranomaly

695E5A

Tritanomaly

655F61

Monochromacy



Original Color

646059

Achromatopsia

606060

Achromatomaly

61605D

CSS Examples

Text

The CSS property to change the color of the text to Hex 646059 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 #646059 looks like.

```
.text, #text, p{  
    color:#646059  
}
```

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 #646059 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646059
}
```

Border

The CSS property to change the border of an element to Hex 646059 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
#646059 }
```

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

```
.border{ border-color:#646059 }
```

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

Here you see how a box with a 4 pixel #646059 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646059; -webkit-box-shadow:4px 4px  
4px 4px #646059; box-shadow:4px 4px 4px  
4px #646059 }
```

Background

The CSS property to change the background color of an element to Hex 646059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646059 }
```

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

```
.background{ background-color:#646059 }
```

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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