

Converting Colors

Hex(646256)

Have a look what the booklet for
Hex(646256) contains.

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Color

Hex(646256)

Conversions

Conversions Part 1

Format	Color
Hex	646256
RGB	100, 98, 86
RGB Percent	39%, 38%, 34%
CMY	0.6078, 0.6157, 0.6627
CMYK	0.00, 0.02, 0.14, 0.61
HSL	51°, 8%, 36%
HSV	51°, 14%, 39%
XYZ	11.3029, 12.1166, 10.5471
YIQ	97.2300, 5.0440, -3.3080

Conversions

Conversions Part 2

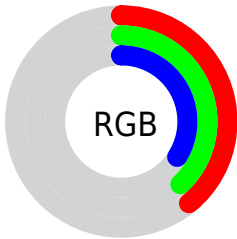
Format	Color
R _Y B	88, 100, 86
Decimal	6578774
CIE Lab	41.40, -1.54, 7.12
CIE LCh	41, 7.280, 102.202
Yxy	12.1166, 0.3328, 0.3567
Android (android.graphics.Color)	4284768854 (0xFF646256)
YUV	97.2300, -5.5364, 2.4293
Hunter-Lab	34.8089, -2.9541, 6.4013

Details

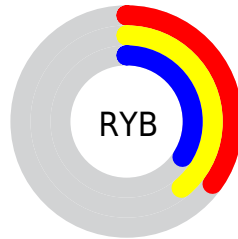
The Hex color **646256** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **565864**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **979588**, and **353429** is the 20% darker color. If you saturate the color by 10%, you get **64614C**, and if you desaturate by 10%, it is **646360**.

Distribution



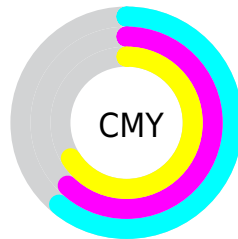
- Red (39%)
- Green (38%)
- Blue (34%)



- Red (35%)
- Yellow (39%)
- Blue (34%)



- Cyan (0%)
- Magenta (2%)
- Yellow (14%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646256 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 646256 by changing the saturation by 10% instead.

 646256

 646256

FFFFFF

 4C4A3F

 979588

 353429

 B2AFA2

 201F15

 CDCBBD

 040600

 E9E7D9

 000000

 FFFFF5

 646256

 646256

 64614C

 646360

 645F42

 64656A

645E38

646674

645C2E

64687E

645B24

646988

64591A

646B92

645810

646C9C

645706

646DA6

645600

646FB0

Harmonies

Analogous

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



6A6056



646256



5D6459

Triad

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



646256



536569



6C5E65

Complementary

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



646256



565864

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.



665F6B



646256



57636D

Square

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



646256



536564



5E616D



6E5E5F

Rectangle

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



646256



59655C



5E616D



6A5E67

Sweetspot

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



646256



82817D



645658



42423F



C2C2C2



424242

Same Dimension

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



646256



827F6C



5F6456



33322E



736200



F2D000

Inverse Universe

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



565864



6C6F82



5B5664



2E2F33



001073



0023F2

Previews

White Background



This preview shows how the Hex color 646256 looks on a white background.

Color Contrast Check

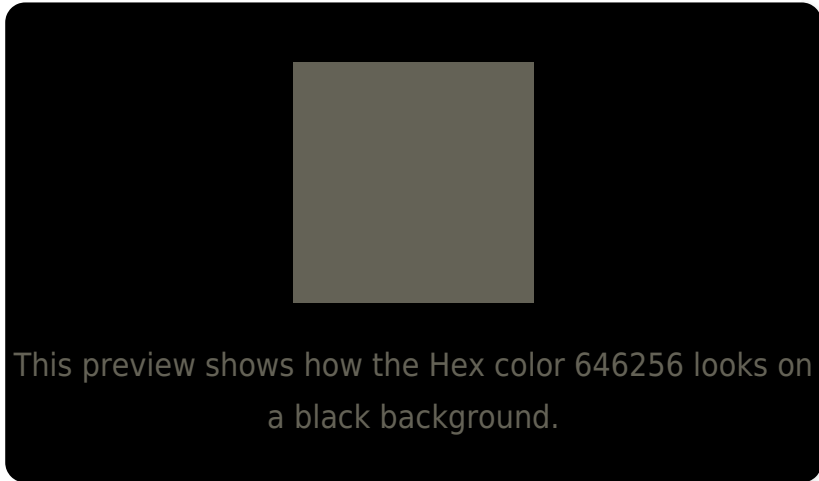
Large Text (above 18pt) WCAG AA ✓ Pass

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

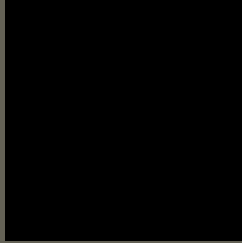
Any Text WCAG AA × Fail

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 646256 Background



This preview shows how black text looks on a background with the Hex color 646256.

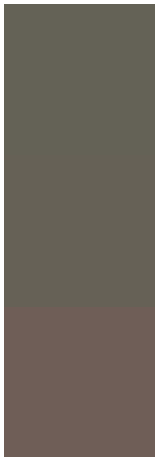


This preview shows how white text looks on a background with the Hex color 646256.

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
646256

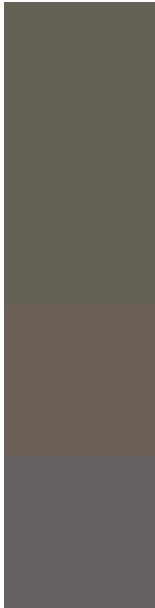
Protanopia
666156

Deuteranopia
6F5E57



Tritanopia
666067

Trichromacy



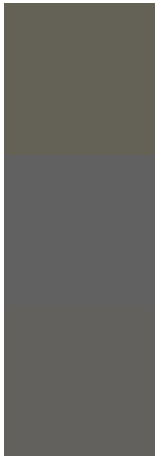
Original Color
646256

Protanomaly
656156

Deuteranomaly
6B5F57

Tritanomaly
656161

Monochromacy



Original Color
646256

Achromatopsia
616161

Achromatomaly
62615D

CSS Examples

Text

The CSS property to change the color of the text to Hex 646256 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 #646256 looks like.

```
.text, #text, p{  
    color:#646256  
}
```

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 #646256 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646256
}
```

Border

The CSS property to change the border of an element to Hex 646256 is called "border". The border property can be set on classes, ids or directly on the HTML element.

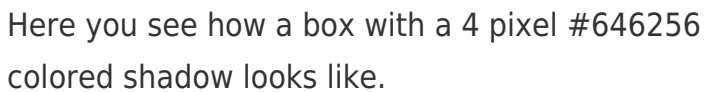
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646256 }
```

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

```
.border{ border-color:#646256 }
```

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



Here you see how a box with a 4 pixel #646256 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646256; -webkit-box-shadow:4px 4px  
4px 4px #646256; box-shadow:4px 4px 4px  
4px #646256 }
```

Background

The CSS property to change the background color of an element to Hex 646256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646256 }
```

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

```
.background{ background-color:#646256 }
```

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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