

Converting Colors

Hex(646845)

Have a look what the booklet for
Hex(646845) contains.

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Color

Hex(646845)

Conversions

Conversions Part 1

Format	Color
Hex	646845
RGB	100, 104, 69
RGB Percent	39%, 41%, 27%
CMY	0.6078, 0.5922, 0.7294
CMYK	0.04, 0.00, 0.34, 0.59
HSL	67°, 20%, 34%
HSV	67°, 34%, 41%
XYZ	11.2800, 13.0396, 7.5526
YIQ	98.8140, 8.8510, -11.7330

Conversions

Conversions Part 2

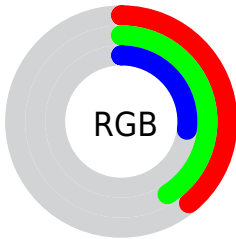
Format	Color
RYB	69, 104, 73
Decimal	6580293
CIELab	42.82, -7.83, 19.24
CIElCh	43, 20.777, 112.153
Yxy	13.0396, 0.3539, 0.4091
Android (android.graphics.Color)	4284770373 (0xFF646845)
YUV	98.8140, -14.6983, 1.0401
Hunter-Lab	36.1104, -7.4342, 12.8766

Details

The Hex color **646845** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **494568**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **979B76**, and **353919** is the 20% darker color. If you saturate the color by 10%, you get **63683B**, and if you desaturate by 10%, it is **65684F**.

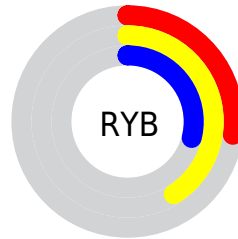
Distribution



Red (39%)

Green (41%)

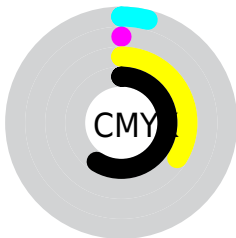
Blue (27%)



Red (27%)

Yellow (41%)

Blue (29%)

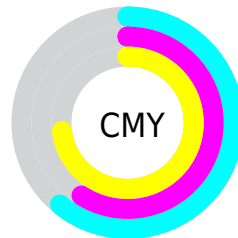


Cyan (4%)

Magenta (0%)

Yellow (34%)

Black (59%)



Cyan (61%)

Magenta (59%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646845 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 646845 by changing the saturation by 10% instead.



646845



646845

FFFFFF



4C502E



979B76



353919



B2B68F



202400



CED1AA



000F00



EAEEC5



000000



FFFFE1

FFFFFFE



646845



646845



63683B



65684F

626830

66685A

606826

686864

5F681B

69686F

5E6811

6A6879

5D6807

6B6883

5C6800

6C688E

6E6898

6F68A3

Harmonies

Analogous

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



756243



646845



506C50

Triad

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



646845



336C80



84596A

Complementary

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



646845



494568

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.



775C7A



646845



486887

Square

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



646845



2F6E71



616285



875959

Rectangle

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



646845



436E5A



616285



815A70

Sweetspot

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



646845



86877A



684945



44453D



C4C4C4



454545

Same Dimension

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



646845



818751



536845



32332E



667300



D7F200

Inverse Universe

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



494568



575187



5A4568



2E2E33



0D0073



1C00F2

Previews

White Background



This preview shows how the Hex color 646845 looks on a white background.

Color Contrast Check

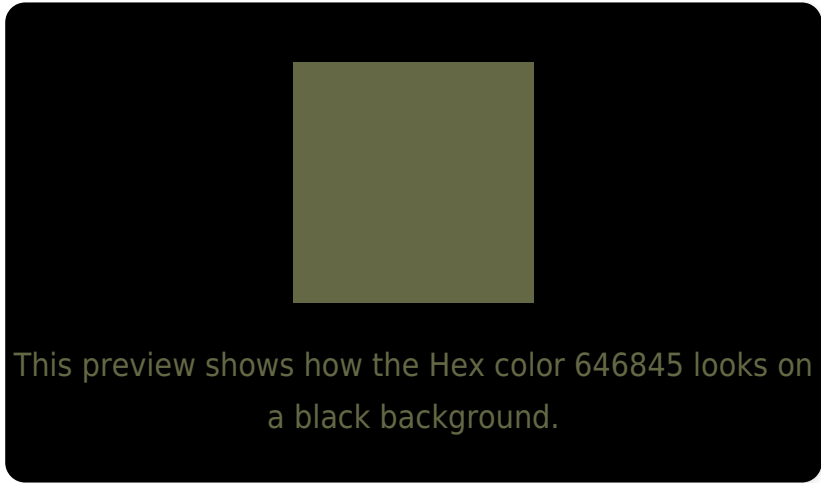
Large Text (above 18pt) WCAG AA ✓ Pass

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

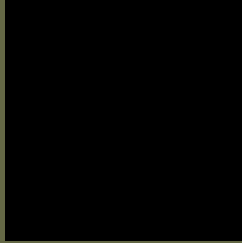
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

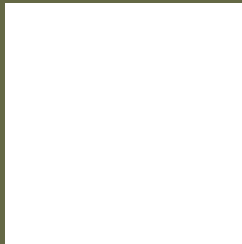
Any Text WCAG AAA × Fail

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

Hex 646845 Background



This preview shows how black text looks on a background with the Hex color 646845.



This preview shows how white text looks on a background with the Hex color 646845.

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
646845

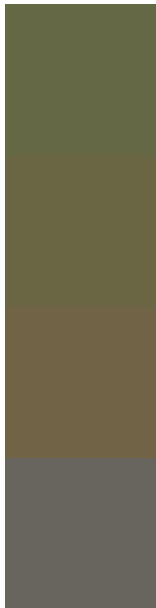
Protanopia
6E6544

Deuteranopia
786147



Tritanopia
69636B

Trichromacy



Original Color
646845

Protanomaly
6A6644

Deuteranomaly
716446

Tritanomaly
67655D

Monochromacy



Original Color
646845

Achromatopsia
636363

Achromatomaly
636558

CSS Examples

Text

The CSS property to change the color of the text to Hex 646845 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 #646845 looks like.

```
.text, #text, p{  
    color:#646845  
}
```

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 #646845 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646845
}
```

Border

The CSS property to change the border of an element to Hex 646845 is called "border". The border property can be set on classes, ids or directly on the HTML element.

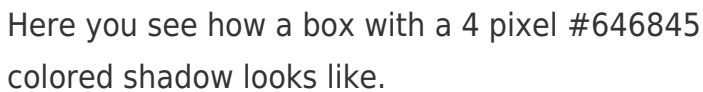
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646845 }
```

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

```
.border{ border-color:#646845 }
```

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



Here you see how a box with a 4 pixel #646845 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646845; -webkit-box-shadow:4px 4px  
4px 4px #646845; box-shadow:4px 4px 4px  
4px #646845 }
```

Background

The CSS property to change the background color of an element to Hex 646845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646845 }
```

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

```
.background{ background-color:#646845 }
```

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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