

Converting Colors

Hex(646410)

Have a look what the booklet for
Hex(646410) contains.

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Color

Hex(646410)

Conversions

Conversions Part 1

Format	Color
Hex	646410
RGB	100, 100, 16
RGB Percent	39%, 39%, 6%
CMY	0.6078, 0.6078, 0.9373
CMYK	0.00, 0.00, 0.84, 0.61
HSL	60°, 72%, 23%
HSV	60°, 84%, 39%
XYZ	9.9062, 11.8611, 2.2575
YIQ	90.4240, 26.9640, -26.1240

Conversions

Conversions Part 2

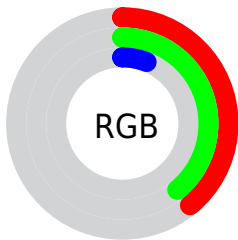
Format	Color
RYB	16, 100, 16
Decimal	6579216
CIELab	40.99, -10.36, 43.32
CIELCh	41, 44.545, 103.453
Yxy	11.8611, 0.4123, 0.4937
Android (android.graphics.Color)	4284769296 (0xFF646410)
YUV	90.4240, -36.6910, 8.3982
Hunter-Lab	34.4399, -8.9265, 20.2215

Details

The Hex color **646410** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **101064**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **9A9744**, and **323600** is the 20% darker color. If you saturate the color by 10%, you get **646406**, and if you desaturate by 10%, it is **64641A**.

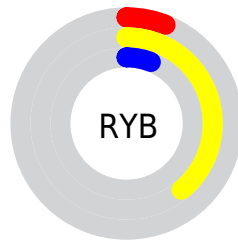
Distribution



Red (39%)

Green (39%)

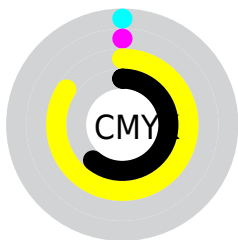
Blue (6%)



Red (6%)

Yellow (39%)

Blue (6%)

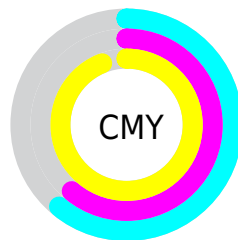


Cyan (0%)

Magenta (0%)

Yellow (84%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646410 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 646410 by changing the saturation by 10% instead.

 646410

 646410

FFFFFF

 4A4C00

 9A9744

 323600

 B5B15D

 192100

 D2CD77

 000700

 EFE991

 000000

 FFFFAC

 FFFFC8

 FFFFEE

 646410

 646410

■ 646406

■ 64641A

■ 646400

■ 646424

■ 64642E

■ 646438

■ 646442

■ 64644C

■ 646456

■ 646460

■ 64646A

Harmonies

Analogous

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



845716



646410



3B6C28

Triad

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



646410



007092



984176

Complementary

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



646410



101064

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.



785096



646410



006AA7

Square

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



646410



007271



375FA8



A33E52

Rectangle

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



646410



00703E



375FA8



904582

Sweetspot

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



646410



828262



641010



42422E



C2C2C2



424242

Same Dimension

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



646410



828200



3A6410



33332E



737300



F2F200

Inverse Universe

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



101064



000082



3A1064



2E2E33



000073



0000F2

Previews

White Background



This preview shows how the Hex color 646410 looks on a white background.

Color Contrast Check

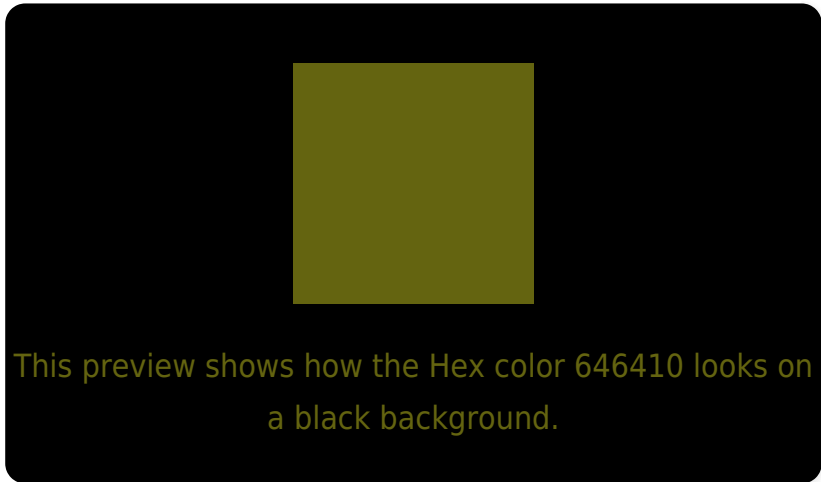
Large Text (above 18pt) WCAG AA ✓ Pass

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 646410 Background



This preview shows how black text looks on a background with the Hex color 646410.



This preview shows how white text looks on a background with the Hex color 646410.

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


646410

Protanopia

6D610F

Deuteranopia

7A5C15



Tritanopia
6A5D64

Trichromacy



Original Color
646410

Protanomaly
6A620F

Deuteranomaly
725F13

Tritanomaly
686045

Monochromacy



Original Color
646410

Achromatopsia
5A5A5A

Achromatomaly
5E5E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 646410 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 #646410 looks like.

```
.text, #text, p{  
    color:#646410  
}
```

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 #646410 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646410
}
```

Border

The CSS property to change the border of an element to Hex 646410 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
#646410 }
```

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

```
.border{ border-color:#646410 }
```

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

Here you see how a box with a 4 pixel #646410 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646410; -webkit-box-shadow:4px 4px  
4px 4px #646410; box-shadow:4px 4px 4px  
4px #646410 }
```

Background

The CSS property to change the background color of an element to Hex 646410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646410 }
```

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

```
.background{ background-color:#646410 }
```

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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