

Converting Colors

Hex(646400)

Have a look what the booklet for
Hex(646400) contains.

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Color

Hex(646400)

Conversions

Conversions Part 1

Format	Color
Hex	646400
RGB	100, 100, 0
RGB Percent	39%, 39%, 0%
CMY	0.6078, 0.6078, 1.0000
CMYK	0.00, 0.00, 1.00, 0.61
HSL	60°, 100%, 20%
HSV	60°, 100%, 39%
XYZ	9.8127, 11.8237, 1.7650
YIQ	88.6000, 32.1000, -31.1000

Conversions

Conversions Part 2

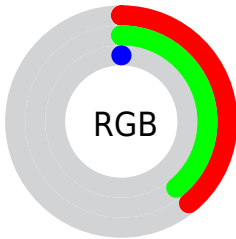
Format	Color
RYB	0, 100, 0
Decimal	6579200
CIELab	40.93, -10.85, 47.55
CIELCh	41, 48.768, 102.852
Yxy	11.8237, 0.4193, 0.5053
Android (android.graphics.Color)	4284769280 (0xFF646400)
YUV	88.6000, -43.6798, 9.9978
Hunter-Lab	34.3856, -9.2357, 21.0265

Details

The Hex color **646400** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000064**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **9A973B**, and **313600** is the 20% darker color. If you saturate the color by 10%, you get **646400**, and if you desaturate by 10%, it is **64640A**.

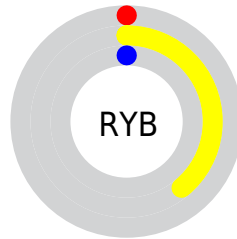
Distribution



Red (39%)

Green (39%)

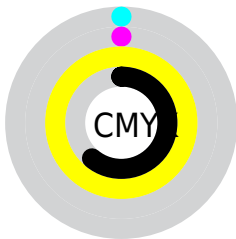
Blue (0%)



Red (0%)

Yellow (39%)

Blue (0%)

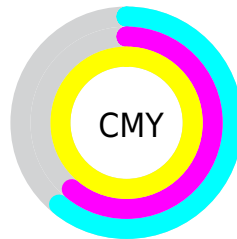


Cyan (0%)

Magenta (0%)

Yellow (100%)

Black (61%)



Cyan (61%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646400 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 646400 by changing the saturation by 10% instead.

 646400

 646400

 FFFFF8

 4A4C00

 9A973B

 313600

 B6B154

 192100

 D2CD6E

 000600

 F0E988

 000000

 FFFFA3

 FFFFBF

 FFFFDB

 646400

 64640A

 646414

 64641E

 646428

 646432

 64643C

 646446

 646450

 64645A

Harmonies

Analogous

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



87560A



646400



366D21

Triad

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



646400



007196



9D3D79

Complementary

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



646400



000064

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.



784E9C



646400



006BAD

Square

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



646400



007371



2A5FAF



A83951

Rectangle

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



646400



00703A



2A5FAF



934286

Sweetspot

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



646400



82825B



640000



42422A



C2C2C2



424242

Same Dimension

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



646400



828200



326400



33332E



737300



F2F200

Inverse Universe

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



000064



000082



320064



2E2E33



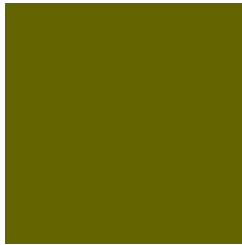
000073



0000F2

Previews

White Background



This preview shows how the Hex color 646400 looks on a white background.

Color Contrast Check

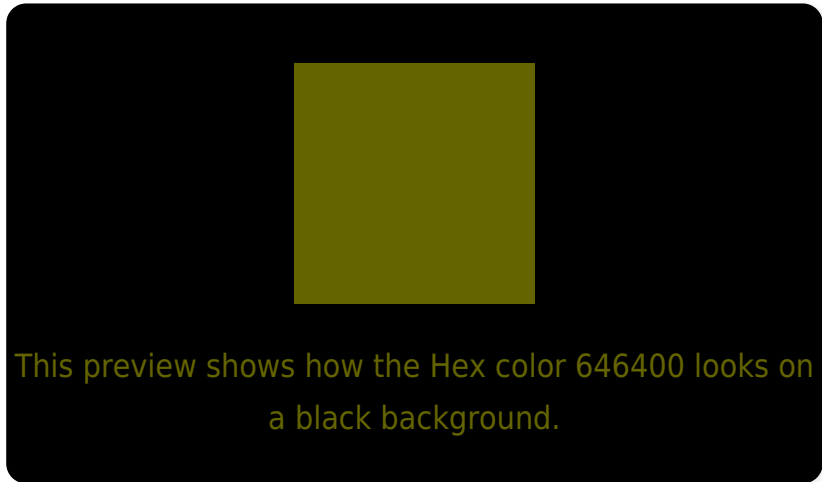
Large Text (above 18pt) WCAG AA ✓ Pass

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 646400 Background



This preview shows how black text looks on a background with the Hex color 646400.



This preview shows how white text looks on a background with the Hex color 646400.

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

646400

Protanopia

6D6100

Deuteranopia

7A5C0F



Tritanopia
6B5D64

Trichromacy



Original Color
646400

Protanomaly
6A6200

Deuteranomaly
725F0A

Tritanomaly
686040

Monochromacy



Original Color
646400

Achromatopsia
595959

Achromatomaly
5D5D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 646400 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 #646400 looks like.

```
.text, #text, p{  
    color:#646400  
}
```

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 #646400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646400
}
```

Border

The CSS property to change the border of an element to Hex 646400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

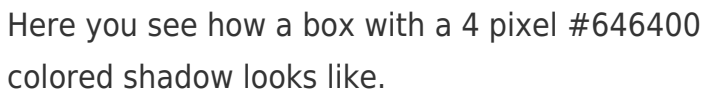
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646400 }
```

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

```
.border{ border-color:#646400 }
```

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



Here you see how a box with a 4 pixel #646400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646400; -webkit-box-shadow:4px 4px  
4px 4px #646400; box-shadow:4px 4px 4px  
4px #646400 }
```

Background

The CSS property to change the background color of an element to Hex 646400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646400 }
```

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

```
.background{ background-color:#646400 }
```

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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