

Converting Colors

Hex(646226)

Have a look what the booklet for
Hex(646226) contains.

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Color

Hex(646226)

Conversions

Conversions Part 1

Format	Color
Hex	646226
RGB	100, 98, 38
RGB Percent	39%, 38%, 15%
CMY	0.6078, 0.6157, 0.8510
CMYK	0.00, 0.02, 0.62, 0.61
HSL	58°, 45%, 27%
HSV	58°, 62%, 39%
XYZ	9.9731, 11.5846, 3.5441
YIQ	91.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

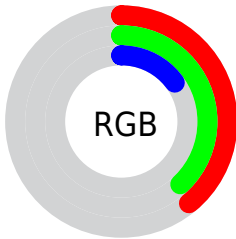
Format	Color
R_{YB}	40, 100, 38
Decimal	6578726
CIE _{Lab}	40.55, -7.91, 33.64
CIE _{LCh}	41, 34.557, 103.235
Yxy	11.5846, 0.3973, 0.4615
Android (android.graphics.Color)	4284768806 (0xFF646226)
YUV	91.7580, -26.5027, 7.2282
Hunter-Lab	34.0362, -7.2605, 17.6516

Details

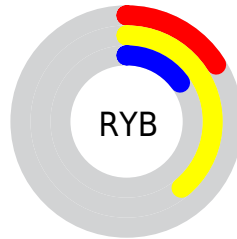
The Hex color **646226** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **262864**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **999556**, and **343400** is the 20% darker color. If you saturate the color by 10%, you get **64621C**, and if you desaturate by 10%, it is **646230**.

Distribution



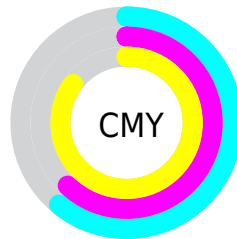
- Red (39%)
- Green (38%)
- Blue (15%)



- Red (16%)
- Yellow (39%)
- Blue (15%)



- Cyan (0%)
- Magenta (2%)
- Yellow (62%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646226 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 646226 by changing the saturation by 10% instead.



646226



646226

FFFFFF



4B4A0E



999556



343400



B4AF6F



1C1F00



D0CA89



000400



EDE7A3



000000



FFFFBF



FFFFDB



FFFFF7



646226



646226

■ 64621C

■ 646230

■ 646112

■ 64633A

■ 646108

■ 646344

■ 646100

■ 64634E

■ 646458

■ 646462

■ 64646C

■ 646576

■ 646580

Harmonies

Analogous

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



7D5829



646226



456935

Triad

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



646226



006C86



8C4A71

Complementary

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



646226



262864

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.



725389



646226



006795

Square

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



646226



006E6C



465E97



954854

Rectangle

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



646226



296C45



465E97



854C7A

Sweetspot

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



646226



828169



642628



424233



C2C2C2



424242

Same Dimension

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



646226



827F22



476426



33332E



736F00



F2EA00

Inverse Universe

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



262864



222582



432664



2E2E33



000473



0008F2

Previews

White Background



This preview shows how the Hex color 646226 looks on a white background.

Color Contrast Check

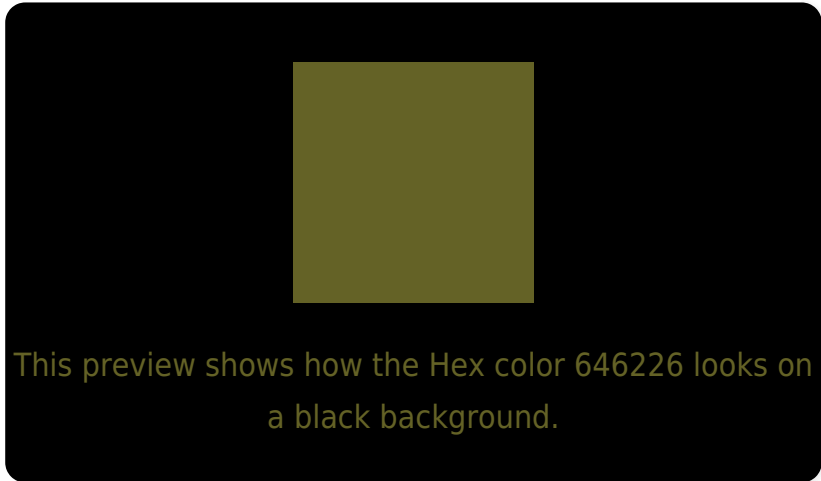
Large Text (above 18pt) WCAG AA ✓ Pass

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

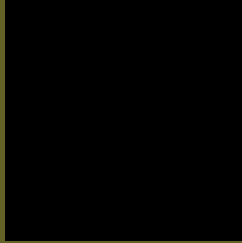
Any Text WCAG AA × Fail

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 646226 Background



This preview shows how black text looks on a background with the Hex color 646226.



This preview shows how white text looks on a background with the Hex color 646226.

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
646226

Protanopia
6B6025

Deuteranopia
775B28



Tritanopia
6A5C63

Trichromacy



Original Color
646226

Protanomaly
686125

Deuteranomaly
705E27

Tritanomaly
685E4D

Monochromacy



Original Color
646226

Achromatopsia
5C5C5C

Achromatomaly
5F5E48

CSS Examples

Text

The CSS property to change the color of the text to Hex 646226 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 #646226 looks like.

```
.text, #text, p{  
    color:#646226  
}
```

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 #646226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646226
}
```

Border

The CSS property to change the border of an element to Hex 646226 is called "border". The border property can be set on classes, ids or directly on the HTML element.

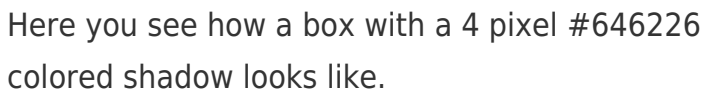
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646226 }
```

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

```
.border{ border-color:#646226 }
```

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



Here you see how a box with a 4 pixel #646226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646226; -webkit-box-shadow:4px 4px  
4px 4px #646226; box-shadow:4px 4px 4px  
4px #646226 }
```

Background

The CSS property to change the background color of an element to Hex 646226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646226 }
```

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

```
.background{ background-color:#646226 }
```

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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