

Converting Colors

Hex(646232)

Have a look what the booklet for
Hex(646232) contains.

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Color

Hex(646232)

Conversions

Conversions Part 1

Format	Color
Hex	646232
RGB	100, 98, 50
RGB Percent	39%, 38%, 20%
CMY	0.6078, 0.6157, 0.8039
CMYK	0.00, 0.02, 0.50, 0.61
HSL	58°, 33%, 29%
HSV	58°, 50%, 39%
XYZ	10.1989, 11.6750, 4.7336
YIQ	93.1260, 16.6000, -14.5040

Conversions

Conversions Part 2

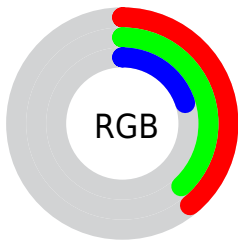
Format	Color
R_{YB}	52, 100, 50
Decimal	6578738
CIE Lab	40.69, -6.78, 27.43
CIE LCh	41, 28.250, 103.879
Yxy	11.6750, 0.3833, 0.4388
Android (android.graphics.Color)	4284768818 (0xFF646232)
YUV	93.1260, -21.2611, 6.0285
Hunter-Lab	34.1687, -6.5151, 15.7043

Details

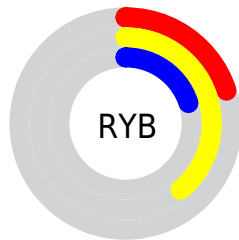
The Hex color **646232** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **323464**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **989562**, and **343404** is the 20% darker color. If you saturate the color by 10%, you get **646228**, and if you desaturate by 10%, it is **64623C**.

Distribution



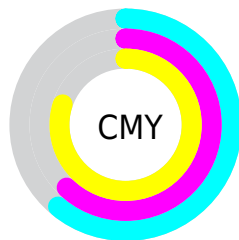
- Red (39%)
- Green (38%)
- Blue (20%)



- Red (20%)
- Yellow (39%)
- Blue (20%)



- Cyan (0%)
- Magenta (2%)
- Yellow (50%)
- Black (61%)



- Cyan (61%)
- Magenta (62%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 646232 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 646232 by changing the saturation by 10% instead.



646232



646232

FFFFFF



4B4A1C



989562



343404



B3AF7B



1D1F00



CFCB95



000500



ECE7B0



000000



FFFFCB



FFFFE8



646232



646232



646228



64623C

■ 64611E

■ 646346

■ 646114

■ 646350

■ 64600A

■ 64645A

■ 646000

■ 646464

■ 64646E

■ 646578

■ 646582

■ 64668C

Harmonies

Analogous

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



795A33



646232



4A683E

Triad

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



646232



006A7F



854F6D

Complementary

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



646232



323464

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.



705681



646232



20668C

Square

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



646232



006C6A



4F5F8D



8C4E56

Rectangle

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



646232



366A4B



4F5F8D



7F5175

Sweetspot

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



646232



82816F



643235



424236



C2C2C2



424242

Same Dimension

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



646232



827F34



4E6432



33332E



736E00



F2E900

Inverse Universe

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



323464



343782



493264



2E2E33



000573



000AF2

Previews

White Background



This preview shows how the Hex color 646232 looks on a white background.

Color Contrast Check

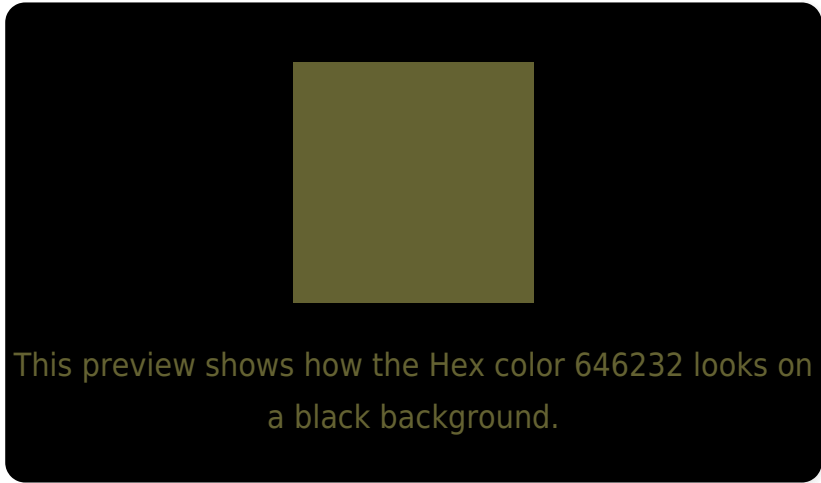
Large Text (above 18pt) WCAG AA ✓ Pass

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

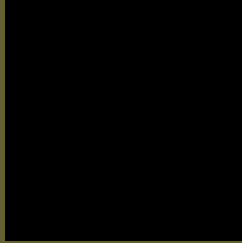
Any Text WCAG AA × Fail

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 646232 Background



This preview shows how black text looks on a background with the Hex color 646232.



This preview shows how white text looks on a background with the Hex color 646232.

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


646232

Protanopia

6A6031

Deuteranopia

755B34



Tritanopia
695C64

Trichromacy



Original Color
646232

Protanomaly
686131

Deuteranomaly
6F5E33

Tritanomaly
675E52

Monochromacy



Original Color
646232

Achromatopsia
5D5D5D

Achromatomaly
605F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 646232 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 #646232 looks like.

```
.text, #text, p{  
    color:#646232  
}
```

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 #646232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #646232
}
```

Border

The CSS property to change the border of an element to Hex 646232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

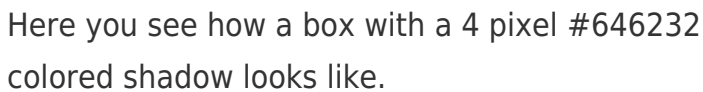
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#646232 }
```

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

```
.border{ border-color:#646232 }
```

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



Here you see how a box with a 4 pixel #646232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #646232; -webkit-box-shadow:4px 4px  
4px 4px #646232; box-shadow:4px 4px 4px  
4px #646232 }
```

Background

The CSS property to change the background color of an element to Hex 646232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#646232 }
```

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

```
.background{ background-color:#646232 }
```

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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