

Converting Colors

Hex(64472B)

Have a look what the booklet for
Hex(64472B) contains.

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Color

Hex(64472B)

Conversions

Conversions Part 1

Format	Color
Hex	64472B
RGB	100, 71, 43
RGB Percent	39%, 28%, 17%
CMY	0.6078, 0.7216, 0.8314
CMYK	0.00, 0.29, 0.57, 0.61
HSL	29°, 40%, 28%
HSV	29°, 57%, 39%
XYZ	7.9448, 7.3902, 3.2932
YIQ	76.4790, 26.2720, -2.5600

Conversions

Conversions Part 2

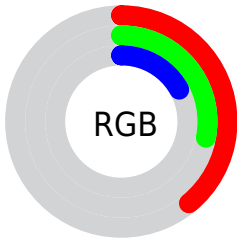
Format	Color
RYB	100, 98, 43
Decimal	6571819
CIELab	32.68, 8.79, 21.62
CIELCh	33, 23.336, 67.864
Yxy	7.3902, 0.4265, 0.3967
Android (android.graphics.Color)	4284761899 (0xFF64472B)
YUV	76.4790, -16.5051, 20.6279
Hunter-Lab	27.1850, 4.5930, 11.8470

Details

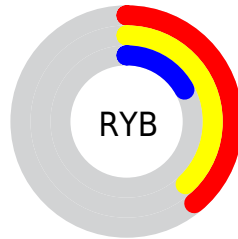
The Hex color **64472B** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2B4864**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **997759**, and **341B00** is the 20% darker color. If you saturate the color by 10%, you get **644221**, and if you desaturate by 10%, it is **644C35**.

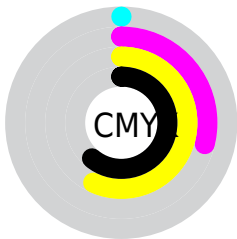
Distribution



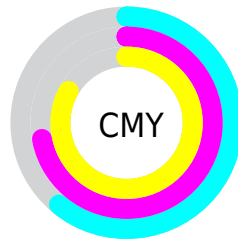
- Red (39%)
- Green (28%)
- Blue (17%)



- Red (39%)
- Yellow (38%)
- Blue (17%)



- Cyan (0%)
- Magenta (29%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (72%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64472B 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 64472B by changing the saturation by 10% instead.

 64472B

 64472B

FFFFFF

 4B3116

 997759

 341B00

 B49172

 1C0200

 D0AC8B

 000000

 EDC7A6

 FFE3C1

 FFFFDD

 FFFFFA

 64472B

 64472B

■ 644221

■ 644C35

■ 643D17

■ 64513F

■ 64380D

■ 645649

■ 643303

■ 645B53

■ 643100

■ 64605D

■ 646667

■ 646B71

■ 64707B

■ 647585

Harmonies

Analogous

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



6E4137



64472B



544D28

Triad

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



64472B



065751



55466A

Complementary

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



64472B



2B4864

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.



394D71



64472B



005663

Square

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



64472B



29553E



14526F



68405B

Rectangle

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



64472B



47512C



14526F



4D496D

Sweetspot

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



64472B



82776C



642B48



423C35



C2C2C2



424242

Same Dimension

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



64472B



82552A



64632B



33302E



733800



F27700

Inverse Universe

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



2B4864



2A5782



2B2C64



2E3033



003A73



007BF2

Previews

White Background



This preview shows how the Hex color 64472B looks on a white background.

Color Contrast Check

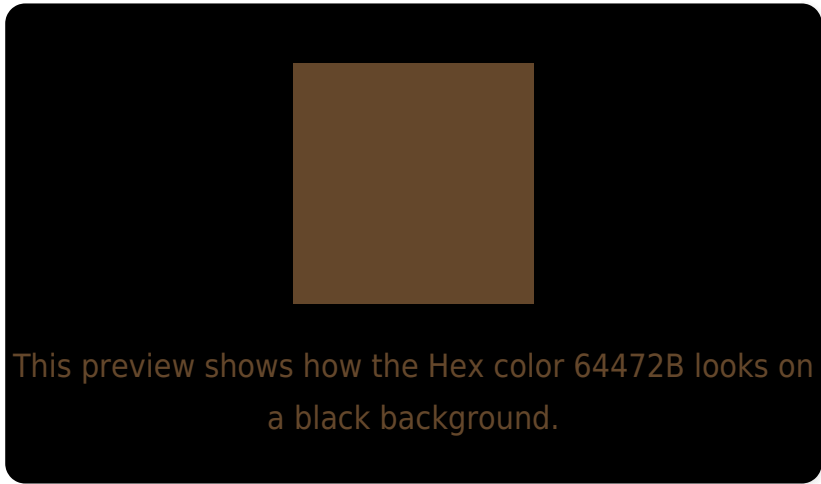
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

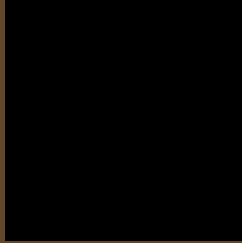
Any Text WCAG AA × Fail

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 64472B Background



This preview shows how black text looks on a background with the Hex color 64472B.



This preview shows how white text looks on a background with the Hex color 64472B.

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
64472B

Protanopia
554D2D

Deuteranopia
5E4A2A



Tritanopia
664349

Trichromacy



Original Color
64472B

Protanomaly
5A4B2C

Deuteranomaly
60492A

Tritanomaly
65443E

Monochromacy



Original Color
64472B

Achromatopsia
4C4C4C

Achromatomaly
554A40

CSS Examples

Text

The CSS property to change the color of the text to Hex 64472B 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 #64472B looks like.

```
.text, #text, p{  
    color:#64472B  
}
```

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 #64472B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64472B
}
```

Border

The CSS property to change the border of an element to Hex 64472B is called "border". The border property can be set on classes, ids or directly on the HTML element.

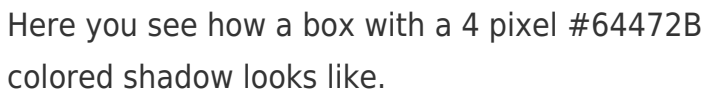
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64472B }
```

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

```
.border{ border-color:#64472B }
```

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



Here you see how a box with a 4 pixel #64472B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64472B; -webkit-box-shadow:4px 4px  
4px 4px #64472B; box-shadow:4px 4px 4px  
4px #64472B }
```

Background

The CSS property to change the background color of an element to Hex 64472B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64472B }
```

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

```
.background{ background-color:#64472B }
```

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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