

Converting Colors

Hex(64572B)

Have a look what the booklet for
Hex(64572B) contains.

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Color

Hex(64572B)

Conversions

Conversions Part 1

Format	Color
Hex	64572B
RGB	100, 87, 43
RGB Percent	39%, 34%, 17%
CMY	0.6078, 0.6588, 0.8314
CMYK	0.00, 0.13, 0.57, 0.61
HSL	46°, 40%, 28%
HSV	46°, 57%, 39%
XYZ	9.0998, 9.7001, 3.6782
YIQ	85.8710, 21.8720, -10.9280

Conversions

Conversions Part 2

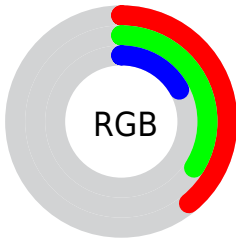
Format	Color
RYB	60, 100, 43
Decimal	6575915
CIELab	37.30, -1.00, 27.24
CIELCh	37, 27.260, 92.103
Yxy	9.7001, 0.4048, 0.4315
Android (android.graphics.Color)	4284765995 (0xFF64572B)
YUV	85.8710, -21.1354, 12.3911
Hunter-Lab	31.1450, -2.3508, 14.7994

Details

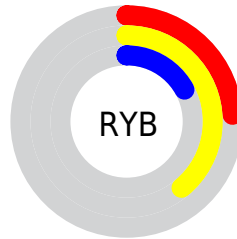
The Hex color **64572B** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2B3864**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **98895A**, and **342A00** is the 20% darker color. If you saturate the color by 10%, you get **645521**, and if you desaturate by 10%, it is **645935**.

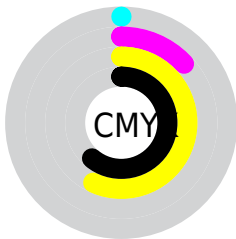
Distribution



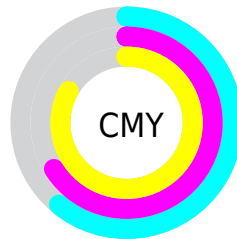
- Red (39%)
- Green (34%)
- Blue (17%)



- Red (24%)
- Yellow (39%)
- Blue (17%)



- Cyan (0%)
- Magenta (13%)
- Yellow (57%)
- Black (61%)



- Cyan (61%)
- Magenta (66%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64572B 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 64572B by changing the saturation by 10% instead.



64572B



64572B

FFFFFF



4B4015



98895A



342A00



B4A373



1C1600



D0BE8D



000000



ECDAA7



FFF6C2



FFFFDF



FFFFFB



64572B



64572B

■ 645521

■ 645935

■ 645217

■ 645C3F

■ 64500D

■ 645E49

■ 644E03

■ 646053

■ 644D00

■ 64625D

■ 646567

■ 646771

■ 64697B

■ 646C85

Harmonies

Analogous

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



764F31



64572B



4D5D31

Triad

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



64572B



00636E



744A6D

Complementary

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



64572B



2B3864

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.



5C517D



64572B



005F7E

Square

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



64572B



046359



375983



814657

Rectangle

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



64572B



3C603C



375983



6E4C73

Sweetspot

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



64572B



827D6C



642B38



423F35



C2C2C2



424242

Same Dimension

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



64572B



826E2A



55642B



33322E



735900



F2BB00

Inverse Universe

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



2B3864



2A3E82



3A2B64



2E2F33



001A73



0037F2

Previews

White Background



This preview shows how the Hex color 64572B looks on a white background.

Color Contrast Check

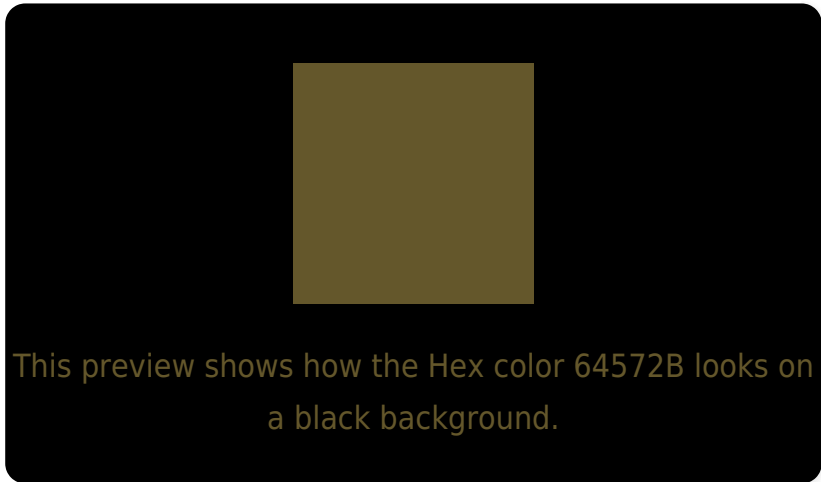
Large Text (above 18pt) WCAG AA ✓ Pass

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

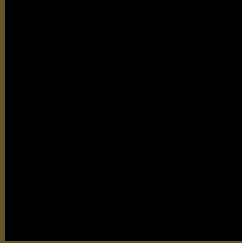
Any Text WCAG AA × Fail

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 64572B Background



This preview shows how black text looks on a background with the Hex color 64572B.

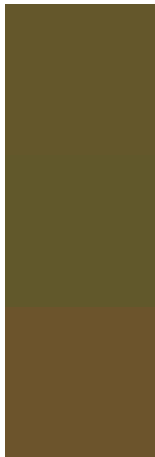


This preview shows how white text looks on a background with the Hex color 64572B.

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
64572B

Protanopia
61582B

Deuteranopia
6C542C



Tritanopia
685258

Trichromacy



Original Color
64572B

Protanomaly
62582B

Deuteranomaly
69552C

Tritanomaly
675448

Monochromacy



Original Color
64572B

Achromatopsia
565656

Achromatomaly
5B5646

CSS Examples

Text

The CSS property to change the color of the text to Hex 64572B 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 #64572B looks like.

```
.text, #text, p{  
    color:#64572B  
}
```

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 #64572B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64572B
}
```

Border

The CSS property to change the border of an element to Hex 64572B 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
#64572B }
```

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

```
.border{ border-color:#64572B }
```

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

Here you see how a box with a 4 pixel #64572B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64572B; -webkit-box-shadow:4px 4px  
4px 4px #64572B; box-shadow:4px 4px 4px  
4px #64572B }
```

Background

The CSS property to change the background color of an element to Hex 64572B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64572B }
```

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

```
.background{ background-color:#64572B }
```

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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