

# Converting Colors

Hex(64725B)

Have a look what the booklet for  
Hex(64725B) contains.

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# Color

Hex(64725B)

# Conversions

## Conversions Part 1

Format	Color
Hex	64725B
RGB	100, 114, 91
RGB Percent	39%, 45%, 36%
CMY	0.6078, 0.5529, 0.6431
CMYK	0.12, 0.00, 0.20, 0.55
HSL	97°, 11%, 40%
HSV	97°, 20%, 45%
XYZ	13.1612, 15.4993, 12.1955
YIQ	107.1920, -0.9610, -10.1210

# Conversions

## Conversions Part 2

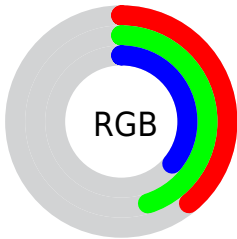
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 114, 105
Decimal	6582875
CIE Lab	46.31, -9.90, 11.02
CIE LCh	46, 14.820, 131.936
Yxy	15.4993, 0.3221, 0.3794
Android (android.graphics.Color)	4284772955 (0xFF64725B)
YUV	107.1920, -7.9827, -6.3074
Hunter-Lab	39.3691, -9.2231, 9.1919

# Details

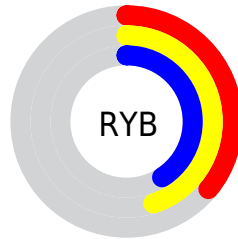
The Hex color **64725B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **695B72**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **97A68D**, and **35422D** is the 20% darker color. If you saturate the color by 10%, you get **5D7250**, and if you desaturate by 10%, it is **6B7266**.

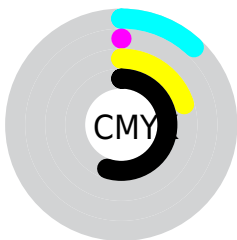
# Distribution



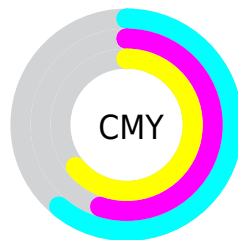
- Red (39%)
- Green (45%)
- Blue (36%)



- Red (36%)
- Yellow (45%)
- Blue (41%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)



- Cyan (61%)
- Magenta (55%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64725B 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 64725B by changing the saturation by 10% instead.





64725B



64725B

FFFFFF



4C5943



97A68D



35422D



B2C1A8



202C18



CDDDC3



0A1800



EAF9DF



000000



FFFFFFB



64725B



64725B



5D7250



6B7266



567244



727272

■ 4F7239

■ 79727D

■ 48722D

■ 807289

■ 417222

■ 877294

■ 3A7217

■ 8E729F

■ 33720B

■ 9572AB

■ 2D7200

■ 9C72B6

■ A272C2

# Harmonies

## Analogous

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



726E55



64725B



567466

# Triad

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



64725B



567185



876569

# Complementary

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



64725B



695B72

# 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.



826676



64725B



666D86

# Square

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



64725B



4C747E



766980



86675E

# Rectangle

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



64725B



4F756E



766980



86656D



# Sweetspot

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



64725B



8E948B



72695B



474A45



C9C9C9



4A4A4A



# Same Dimension

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



64725B



7E9470



5B725D



353832



2F7800



61F700



# Inverse Universe

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



695B72



867094



725B70



363238



490078



9700F7



# Previews

## White Background



This preview shows how the Hex color 64725B looks on a white background.

## Color Contrast Check

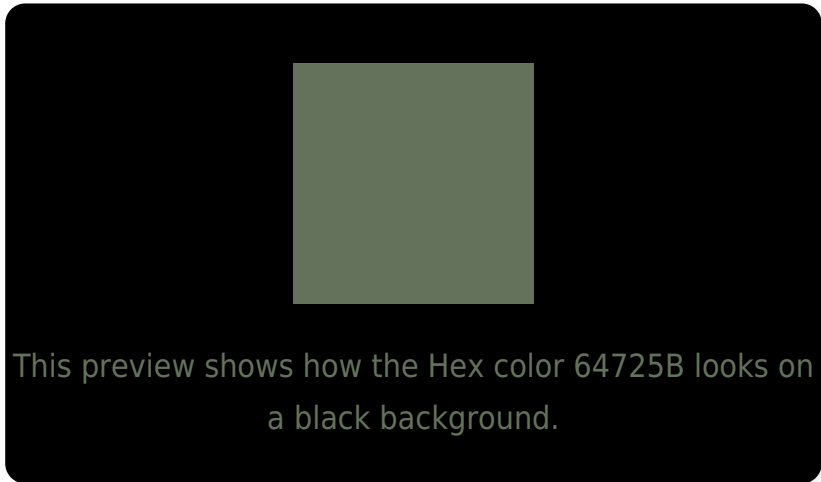
Large Text (above 18pt) WCAG AA ✓ Pass

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

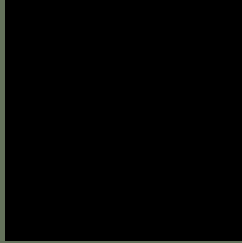
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 64725B Background



This preview shows how black text looks on a background with the Hex color 64725B.



This preview shows how white text looks on a background with the Hex color 64725B.

# 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**  
64725B

**Protanopia**  
746D59

**Deuteranopia**  
7E695D



**Tritanopia**  
686E77

# Trichromacy



**Original Color**  
64725B

**Protanomaly**  
6E6F5A

**Deuteranomaly**  
756C5C

**Tritanomaly**  
676F6D

# Monochromacy



**Original Color**  
64725B

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
686E65

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64725B 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 #64725B looks like.

```
.text, #text, p{  
    color:#64725B  
}
```

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 #64725B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64725B
}
```

## Border

The CSS property to change the border of an element to Hex 64725B 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".

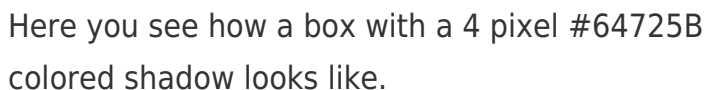
```
.border, #border, table{ border:4px solid
#64725B }
```

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

```
.border{ border-color:#64725B }
```

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

Here you see how a box with a 4 pixel #64725B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64725B; -webkit-box-shadow:4px 4px  
4px 4px #64725B; box-shadow:4px 4px 4px  
4px #64725B }
```

# Background

The CSS property to change the background color of an element to Hex 64725B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64725B }
```

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

```
.background{ background-color:#64725B }
```

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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