

# Converting Colors

Hex(65723A)

Have a look what the booklet for  
Hex(65723A) contains.

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**Color**

**Hex(65723A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	65723A
RGB	101, 114, 58
RGB Percent	40%, 45%, 23%
CMY	0.6039, 0.5529, 0.7725
CMYK	0.11, 0.00, 0.49, 0.55
HSL	74°, 33%, 34%
HSV	74°, 49%, 45%
XYZ	12.1479, 15.1068, 6.2786
YIQ	103.7290, 10.2280, -20.1720

# Conversions

## Conversions Part 2

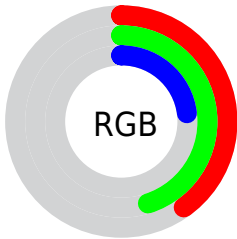
Format	Color
<a href="#">RYB</a>	<a href="#">58, 114, 71</a>
Decimal	<a href="#">6648378</a>
CIELab	<a href="#">45.78, -14.43, 29.25</a>
CIElCh	<a href="#">46, 32.618, 116.267</a>
Yxy	<a href="#">15.1068, 0.3623, 0.4505</a>
Android (android.graphics.Color)	<a href="#">4284838458 (0xFF65723A)</a>
YUV	<a href="#">103.7290, -22.5444, -2.3933</a>
Hunter-Lab	<a href="#">38.8675, -12.2287, 17.6296</a>

# Details

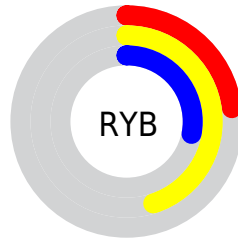
The Hex color **65723A** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **473A72**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **99A66B**, and **34420C** is the 20% darker color. If you saturate the color by 10%, you get **62722F**, and if you desaturate by 10%, it is **687245**.

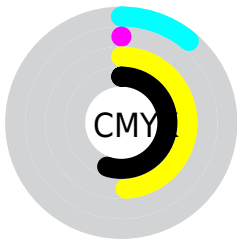
# Distribution



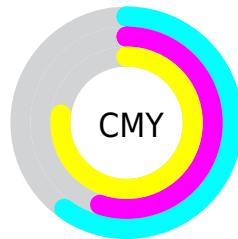
- Red (40%)
- Green (45%)
- Blue (23%)



- Red (23%)
- Yellow (45%)
- Blue (28%)



- Cyan (11%)
- Magenta (0%)
- Yellow (49%)
- Black (55%)



- Cyan (60%)
- Magenta (55%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 65723A 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 65723A by changing the saturation by 10% instead.





65723A



65723A

FFFFFF



4C5923



99A66B



34420C



B4C184



1F2C00



D0DD9F



001900



EDF9BA



000000



FFFFD6



FFFFF2



65723A



65723A



62722F



687245

■ 607223

■ 6A7251

■ 5D7218

■ 6D725C

■ 5A720C

■ 707268

■ 587201

■ 727273

■ 587200

■ 75727E

■ 78728A

■ 7A7295

■ 7D72A1

# Harmonies

## Analogous

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



806A35



65723A



44784D

# Triad

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



65723A



007799



9D5671

# Complementary

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



65723A



473A72

# 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.



8B5C8B



65723A



3870A3

# Square

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



65723A



007A84



6A679D



A05856

# Rectangle

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



65723A



277A5F



6A679D



99587A



# Sweetspot

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



65723A



8F947E



72463A



474A3D



C9C9C9



4A4A4A



# Same Dimension

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



65723A



80943D



4A723A



373832



5C7800



BEF700



# Inverse Universe

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



473A72



513D94



623A72



343238



1C0078



3900F7



# Previews

## White Background



This preview shows how the Hex color 65723A looks on a white background.

## Color Contrast Check

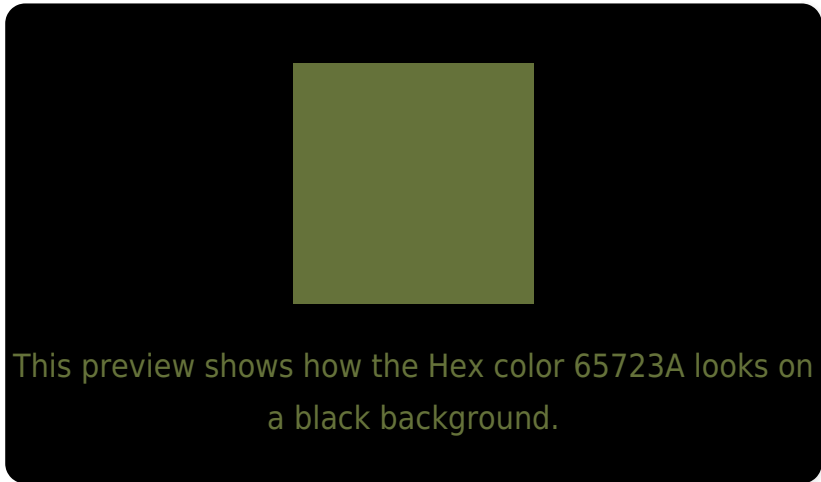
Large Text (above 18pt) WCAG AA ✓ Pass

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

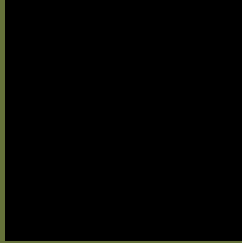
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

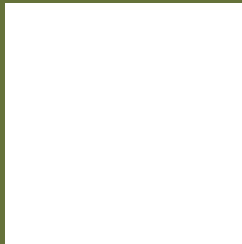
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 65723A Background



This preview shows how black text looks on a background with the Hex color 65723A.



This preview shows how white text looks on a background with the Hex color 65723A.

# 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**  
65723A

**Protanopia**  
776C38

**Deuteranopia**  
84673D



**Tritanopia**  
6C6C74

# Trichromacy



**Original Color**  
65723A

**Protanomaly**  
706E39

**Deuteranomaly**  
796B3C

**Tritanomaly**  
696E5F

# Monochromacy



**Original Color**  
65723A

**Achromatopsia**  
686868

**Achromatomaly**  
676C57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 65723A 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 #65723A looks like.

```
.text, #text, p{  
    color:#65723A  
}
```

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 #65723A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #65723A
}
```

## Border

The CSS property to change the border of an element to Hex 65723A 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
#65723A }
```

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

```
.border{ border-color:#65723A }
```

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

Here you see how a box with a 4 pixel #65723A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #65723A; -webkit-box-shadow:4px 4px  
4px 4px #65723A; box-shadow:4px 4px 4px  
4px #65723A }
```

# Background

The CSS property to change the background color of an element to Hex 65723A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#65723A }
```

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

```
.background{ background-color:#65723A }
```

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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