

# Converting Colors

Hex(73445D)

Have a look what the booklet for  
Hex(73445D) contains.

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# Color

**Hex(73445D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	73445D
RGB	115, 68, 93
RGB Percent	45%, 27%, 36%
CMY	0.5490, 0.7333, 0.6353
CMYK	0.00, 0.41, 0.19, 0.55
HSL	328°, 26%, 36%
HSV	328°, 41%, 45%
XYZ	11.1131, 8.5694, 11.4243
YIQ	84.9030, 19.9870, 17.7390

# Conversions

## Conversions Part 2

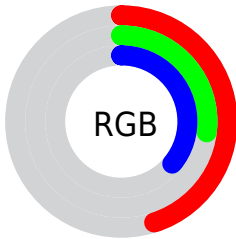
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 68, 93
Decimal	7554141
CIE <sub>Lab</sub>	35.14, 24.06, -6.16
CIE <sub>LCh</sub>	35, 24.832, 345.648
Yxy	8.5694, 0.3573, 0.2755
Android (android.graphics.Color)	4285744221 (0xFF73445D)
YUV	84.9030, 3.9918, 26.3951
Hunter-Lab	29.2735, 16.5354, -2.6470

# Details

The Hex color **73445D** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **44735A**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **A8758F**, and **41162F** is the 20% darker color. If you saturate the color by 10%, you get **733958**, and if you desaturate by 10%, it is **735062**.

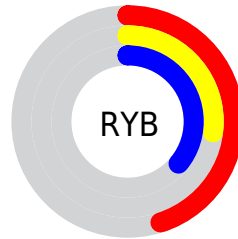
# Distribution



Red (45%)

Green (27%)

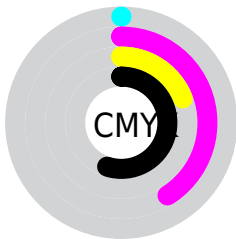
Blue (36%)



Red (45%)

Yellow (27%)

Blue (36%)

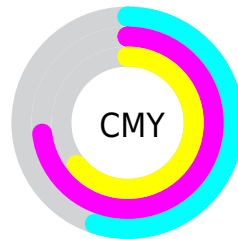


Cyan (0%)

Magenta (41%)

Yellow (19%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73445D 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 73445D by changing the saturation by 10% instead.



 73445D

 73445D

FFFFFF

 5A2D45

 A8758F

 41162F

 C48FAA

 2B001A

 E0AAC5

 080000

 FDC5E1

 000000

 FFE1FE

FFFEFF

 73445D

 73445D

 733958

 735062

732D52

735B68

73214D

73676D

731647

737273

730A42

737E78

73003D

73897D

739483

73A088

73AC8D

# Harmonies

## Analogous

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



624A6E



73445D



794349

# Triad

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



73445D



55552C



005B6E

# Complementary

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



73445D



44735A

# 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.



005D5D



73445D



3F5A36

# Square

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



73445D



684E2C



245C48



205779

# Rectangle

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



73445D



77453D



245C48



005C69



# Sweetspot

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



73445D



96848E



5A4473



4D4247



CCCCCC



4D4D4D



# Same Dimension

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



73445D



964D74



734446



3B3538



7A0041



FA0085



# Inverse Universe

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



73445D



964D74



447371



3B3538



7A0041

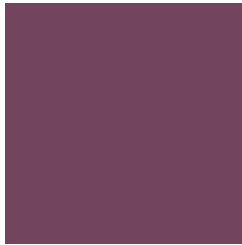


FA0085



# Previews

## White Background



This preview shows how the Hex color 73445D looks on a white background.

## Color Contrast Check

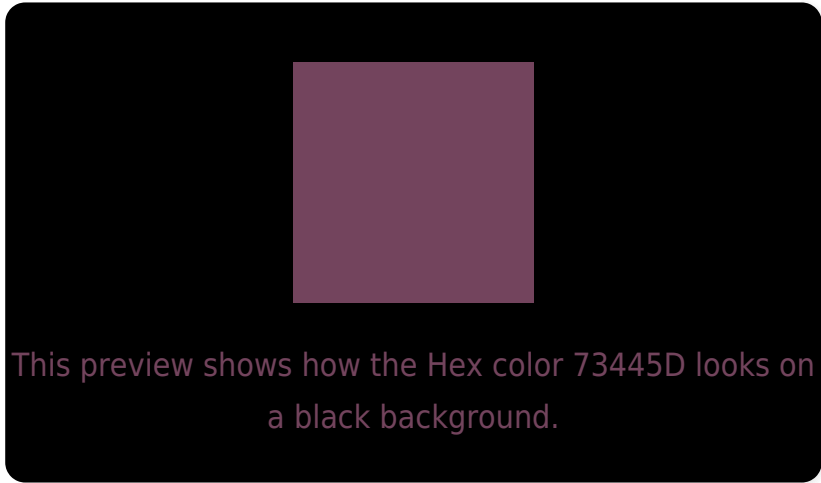
Large Text (above 18pt) WCAG AA ✓ Pass

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

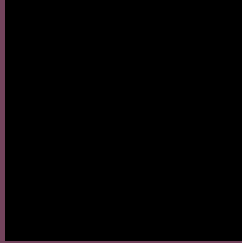
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73445D Background



This preview shows how black text looks on a background with the Hex color 73445D.



This preview shows how white text looks on a background with the Hex color 73445D.

# 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**  
73445D

**Protanopia**  
4E5266

**Deuteranopia**  
58515B



**Tritanopia**  
71474C

# Trichromacy



**Original Color**

73445D

**Protanomaly**

5B4D63

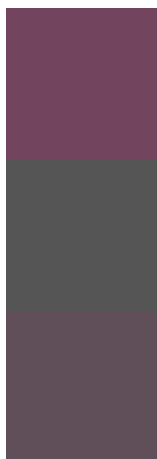
**Deuteranomaly**

624C5C

**Tritanomaly**

724652

# Monochromacy



**Original Color**

73445D

**Achromatopsia**

555555

**Achromatomaly**

604F58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73445D 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 #73445D looks like.

```
.text, #text, p{  
    color:#73445D  
}
```

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 #73445D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73445D
}
```

## Border

The CSS property to change the border of an element to Hex 73445D is called "border". The border property can be set on classes, ids or directly on the HTML element.

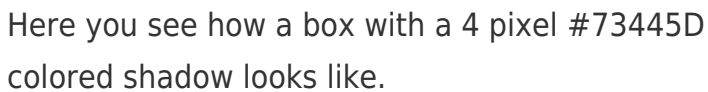
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#73445D }
```

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

```
.border{ border-color:#73445D }
```

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



Here you see how a box with a 4 pixel #73445D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73445D; -webkit-box-shadow:4px 4px  
4px 4px #73445D; box-shadow:4px 4px 4px  
4px #73445D }
```

# Background

The CSS property to change the background color of an element to Hex 73445D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73445D }
```

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

```
.background{ background-color:#73445D }
```

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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