

# Converting Colors

Hex(73486B)

Have a look what the booklet for  
Hex(73486B) contains.

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# Color

**Hex(73486B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	73486B
RGB	115, 72, 107
RGB Percent	45%, 28%, 42%
CMY	0.5490, 0.7176, 0.5804
CMYK	0.00, 0.37, 0.07, 0.55
HSL	311°, 23%, 37%
HSV	311°, 37%, 45%
XYZ	12.0414, 9.3411, 15.0783
YIQ	88.8470, 14.3930, 20.0010

# Conversions

## Conversions Part 2

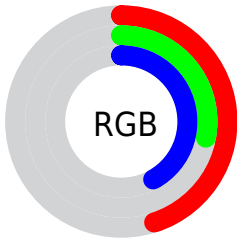
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 72, 107
Decimal	7555179
CIE <sub>Lab</sub>	36.63, 24.26, -12.73
CIE <sub>LCh</sub>	37, 27.391, 332.314
Yxy	9.3411, 0.3303, 0.2562
Android (android.graphics.Color)	4285745259 (0xFF73486B)
YUV	88.8470, 8.9494, 22.9362
Hunter-Lab	30.5632, 16.8406, -7.8563

# Details

The Hex color **73486B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **487350**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A8799E**, and **421A3C** is the 20% darker color. If you saturate the color by 10%, you get **733D69**, and if you desaturate by 10%, it is **73546D**.

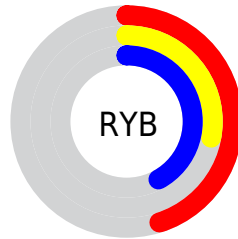
# Distribution



Red (45%)

Green (28%)

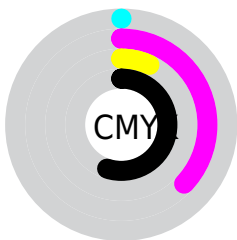
Blue (42%)



Red (45%)

Yellow (28%)

Blue (42%)

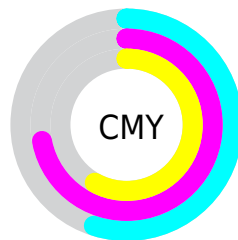


Cyan (0%)

Magenta (37%)

Yellow (7%)

Black (55%)



Cyan (55%)

Magenta (72%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 73486B 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 73486B by changing the saturation by 10% instead.





73486B



73486B

FFFFFF



5A3153



A8799E



421A3C



C393B9



2B0426



DFAED5



100010



FCCAF1



000000



FFE6FF



73486B



73486B



733D69



73546D



733167



735F6F

732565

736B71

731A62

737674

730E60

738276

73035E

738D78

73005E

73997A

73A47C

73B07E

# Harmonies

## Analogous

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



5A507B



73486B



7F4455

# Triad

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



73486B



625529



00616D

# Complementary

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



73486B



487350

# 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.



006257



73486B



4B5C30

# Square

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



73486B



744E30



306041



005E7D

# Rectangle

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



73486B



804547



306041



006166



# Sweetspot

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



73486B



968693



504873



4D434B



CCCCCC



4D4D4D



# Same Dimension

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



73486B



96538A



734856



3B353A



7A0064



FA00CB



# Inverse Universe

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



73486B



96538A



487365



3B353A



7A0064

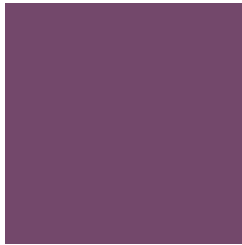


FA00CB



# Previews

## White Background



This preview shows how the Hex color 73486B looks on a white background.

## Color Contrast Check

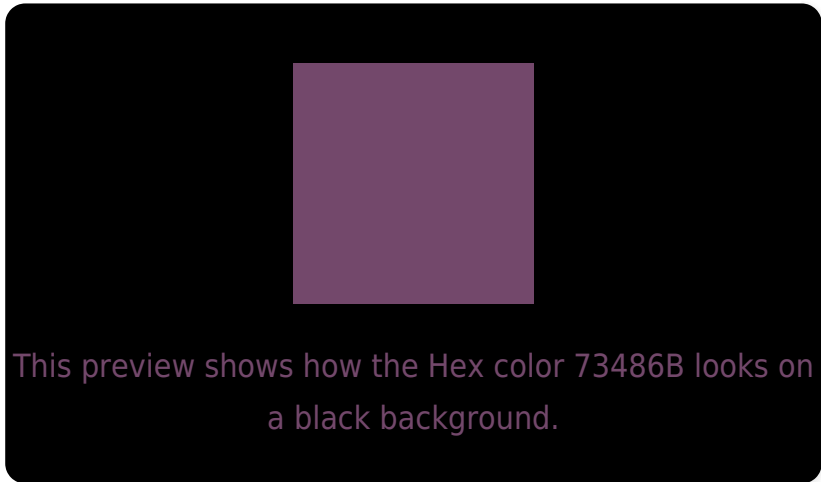
Large Text (above 18pt) WCAG AA ✓ Pass

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

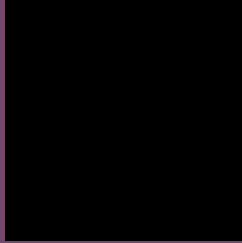
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 73486B Background



This preview shows how black text looks on a background with the Hex color 73486B.



This preview shows how white text looks on a background with the Hex color 73486B.

# 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





**Tritanopia**  
704D53

# Trichromacy



**Original Color**  
73486B

**Protanomaly**  
5B5071

**Deuteranomaly**  
61506A

**Tritanomaly**  
714B5C

# Monochromacy



**Original Color**  
73486B

**Achromatopsia**  
595959

**Achromatomaly**  
625360

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 73486B 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 #73486B looks like.

```
.text, #text, p{  
    color:#73486B  
}
```

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 #73486B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #73486B
}
```

## Border

The CSS property to change the border of an element to Hex 73486B 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
#73486B }
```

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

```
.border{ border-color:#73486B }
```

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

Here you see how a box with a 4 pixel #73486B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #73486B; -webkit-box-shadow:4px 4px  
4px 4px #73486B; box-shadow:4px 4px 4px  
4px #73486B }
```

# Background

The CSS property to change the background color of an element to Hex 73486B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#73486B }
```

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

```
.background{ background-color:#73486B }
```

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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