

Converting Colors

Hex(735478)

Have a look what the booklet for
Hex(735478) contains.

Hex(735478)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(735478)

Conversions

Conversions Part 1

Format	Color
Hex	735478
RGB	115, 84, 120
RGB Percent	45%, 33%, 47%
CMY	0.5490, 0.6706, 0.5294
CMYK	0.04, 0.30, 0.00, 0.53
HSL	292°, 18%, 40%
HSV	292°, 30%, 47%
XYZ	13.6307, 11.3416, 19.2400
YIQ	97.3730, 6.9200, 17.7680

Conversions

Conversions Part 2

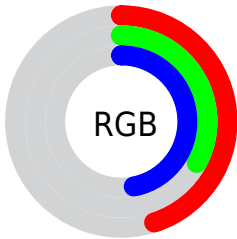
Format	Color
R_{YB}	115, 84, 120
Decimal	7558264
CIE _{Lab}	40.15, 19.69, -15.42
CIE _{LCh}	40, 25.010, 321.934
Yxy	11.3416, 0.3083, 0.2565
Android (android.graphics.Color)	4285748344 (0xFF735478)
YUV	97.3730, 11.1551, 15.4589
Hunter-Lab	33.6772, 13.3120, -10.2987

Details

The Hex color **735478** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **597854**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A786AC**, and **422647** is the 20% darker color. If you saturate the color by 10%, you get **714878**, and if you desaturate by 10%, it is **756078**.

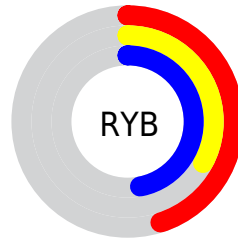
Distribution



Red (45%)

Green (33%)

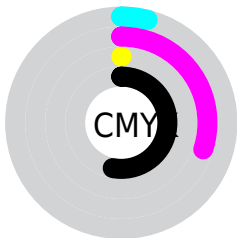
Blue (47%)



Red (45%)

Yellow (33%)

Blue (47%)

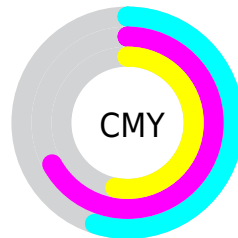


Cyan (4%)

Magenta (30%)

Yellow (0%)

Black (53%)



Cyan (55%)

Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 735478 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 735478 by changing the saturation by 10% instead.

 735478

 735478

FFFFFF

 5A3D5F

 A786AC

 422647

 C3A0C8

 2B1131

 DFBBE4

 1A001C


 FCD7FF

 000000

 FFF4FF

 735478

 735478

 714878

 756078

 703C78

 766C78

6E3078

787878

6C2478

7A8478

6B1878

7B9078

690C78

7D9C78

670078

7FA878

80B478

82C078

Harmonies

Analogous

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



595B84



735478



824F65

Triad

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



735478



715B36



09696D

Complementary

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



735478



597854

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.



2A6958



735478



5D6238

Square

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



735478



80543F



456745



10677E

Rectangle

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



735478



864F57



456745



156A66

Sweetspot

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



735478



9A8E9C



545978



4E464F



CFCFCF



4F4F4F

Same Dimension

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



735478



94649C



78546B



3C373D



6C007D



D900FC

Inverse Universe

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



785459



9C646B



547861



3D3738



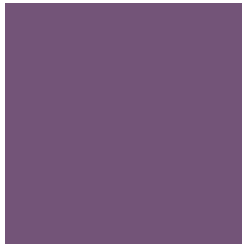
7D0011



FC0023

Previews

White Background



This preview shows how the Hex color 735478 looks on a white background.

Color Contrast Check

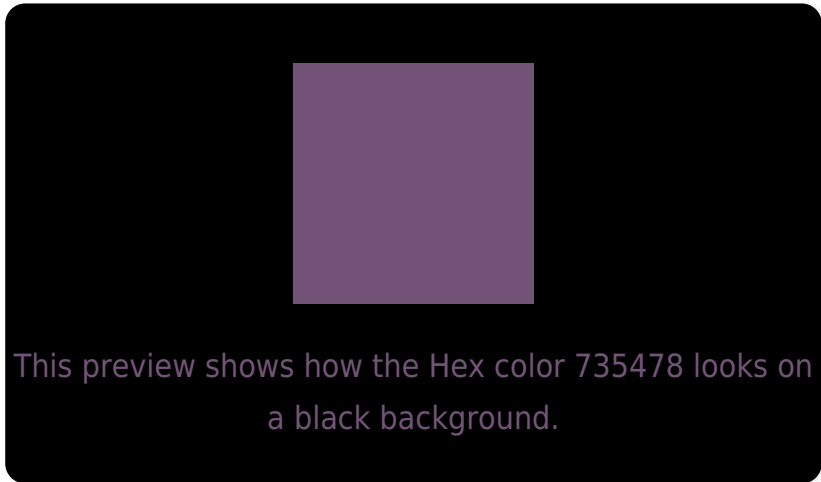
Large Text (above 18pt) WCAG AA ✓ Pass

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

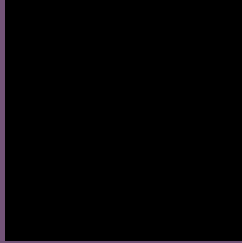
Any Text WCAG AA × Fail

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 735478 Background



This preview shows how black text looks on a background with the Hex color 735478.



This preview shows how white text looks on a background with the Hex color 735478.

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
735478

Protanopia
555E7F

Deuteranopia
5C5D76



Tritanopia
705960

Trichromacy



Original Color
735478

Protanomaly
605A7C

Deuteranomaly
645A77

Tritanomaly
715769

Monochromacy



Original Color
735478

Achromatopsia
616161

Achromatomaly
685C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 735478 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 #735478 looks like.

```
.text, #text, p{  
    color:#735478  
}
```

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 #735478 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735478  
}
```

Border

The CSS property to change the border of an element to Hex 735478 is called "border". The border property can be set on classes, ids or directly on the HTML element.

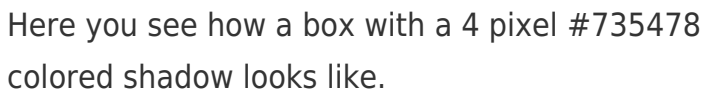
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#735478 }
```

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

```
.border{ border-color:#735478 }
```

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



Here you see how a box with a 4 pixel #735478 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735478; -webkit-box-shadow:4px 4px  
4px 4px #735478; box-shadow:4px 4px 4px  
4px #735478 }
```

Background

The CSS property to change the background color of an element to Hex 735478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735478 }
```

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

```
.background{ background-color:#735478 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor