

Converting Colors

Hex(735B74)

Have a look what the booklet for
Hex(735B74) contains.

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Color

Hex(735B74)

Conversions

Conversions Part 1

Format	Color
Hex	735B74
RGB	115, 91, 116
RGB Percent	45%, 36%, 45%
CMY	0.5490, 0.6431, 0.5451
CMYK	0.01, 0.22, 0.00, 0.55
HSL	298°, 12%, 41%
HSV	298°, 22%, 45%
XYZ	13.9637, 12.3880, 18.1781
YIQ	101.0260, 6.2790, 12.8630

Conversions

Conversions Part 2

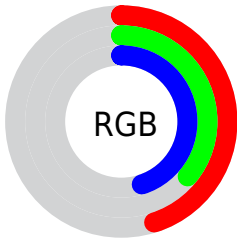
Format	Color
R_{YB}	115, 91, 116
Decimal	7560052
CIE Lab	41.83, 14.58, -10.43
CIE LCh	42, 17.924, 324.429
Yxy	12.3880, 0.3136, 0.2782
Android (android.graphics.Color)	4285750132 (0xFF735B74)
YUV	101.0260, 7.3822, 12.2552
Hunter-Lab	35.1965, 9.2233, -5.9842

Details

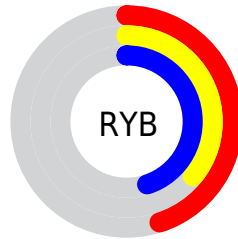
The Hex color **735B74** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **5C745B**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **A78DA8**, and **432D44** is the 20% darker color. If you saturate the color by 10%, you get **734F74**, and if you desaturate by 10%, it is **736774**.

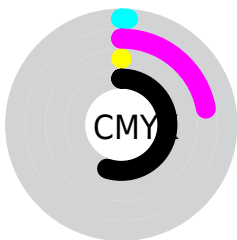
Distribution



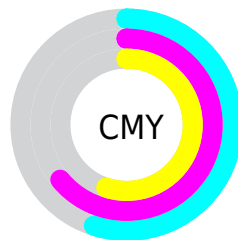
- Red (45%)
- Green (36%)
- Blue (45%)



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



- Cyan (1%)
- Magenta (22%)
- Yellow (0%)
- Black (55%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 735B74 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 735B74 by changing the saturation by 10% instead.

 735B74

 735B74

FFFFFF

 5A435B

 A78DA8

 432D44

 C2A8C3

 2C182E

 DEC3DF

 190019

 FBDFFC

 000000

 FFFCFF

 735B74

 735B74

 734F74

 736774

 724474

 747274

723874

747E74

712D74

758974

712174

759574

701574

76A174

700A74

76AC74

6F0074

77B874

77C374

Harmonies

Analogous

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



61607D



735B74



7E5866

Triad

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



735B74



706145



376B6E

Complementary

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



735B74



5C745B

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.



406B5F



735B74



616548

Square

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



735B74



7B5C4B



506951



3B697A

Rectangle

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



735B74



81585C



506951



386B69

Sweetspot

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



735B74



968D96



5B5C74



4C474D



CCCCCC



4D4D4D

Same Dimension

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



735B74



956F96



745B69



3A353B



76007A



F000FA

Inverse Universe

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



745B5C



966F71



5B7466



3B3535



7A0005



FA000A

Previews

White Background



This preview shows how the Hex color 735B74 looks on a white background.

Color Contrast Check

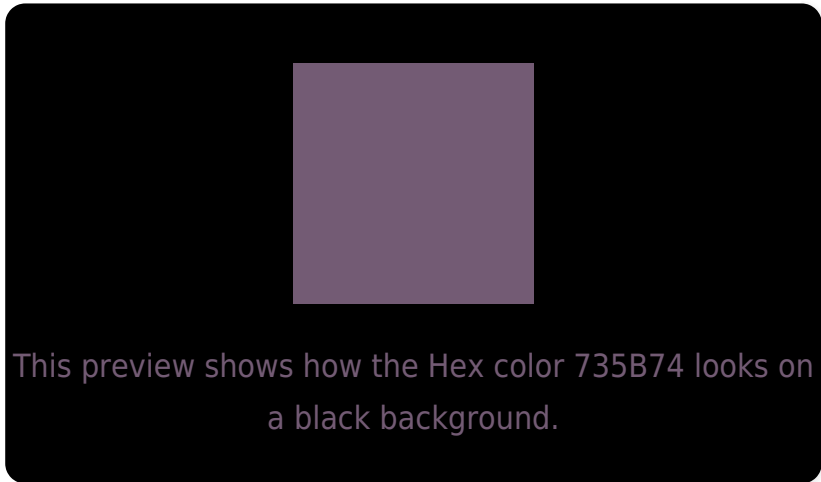
Large Text (above 18pt) WCAG AA ✓ Pass

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

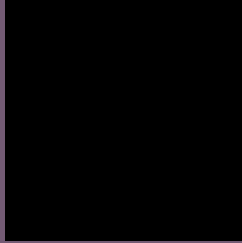
Any Text WCAG AA × Fail

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 735B74 Background



This preview shows how black text looks on a background with the Hex color 735B74.



This preview shows how white text looks on a background with the Hex color 735B74.

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
735B74

Protanopia
5E6279

Deuteranopia
656073



Tritanopia
715E65

Trichromacy



Original Color
735B74

Protanomaly
665F77

Deuteranomaly
6A5E73

Tritanomaly
725D6A

Monochromacy



Original Color
735B74

Achromatopsia
656565

Achromatomaly
6A616A

CSS Examples

Text

The CSS property to change the color of the text to Hex 735B74 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 #735B74 looks like.

```
.text, #text, p{  
    color:#735B74  
}
```

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 #735B74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #735B74
}
```

Border

The CSS property to change the border of an element to Hex 735B74 is called "border". The border property can be set on classes, ids or directly on the HTML element.

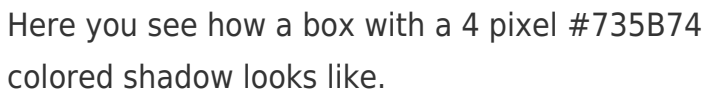
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#735B74 }
```

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

```
.border{ border-color:#735B74 }
```

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



Here you see how a box with a 4 pixel #735B74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #735B74; -webkit-box-shadow:4px 4px  
4px 4px #735B74; box-shadow:4px 4px 4px  
4px #735B74 }
```

Background

The CSS property to change the background color of an element to Hex 735B74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#735B74 }
```

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

```
.background{ background-color:#735B74 }
```

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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