

Converting Colors

Hex(35735C)

Have a look what the booklet for
Hex(35735C) contains.

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Color

Hex(35735C)

Conversions

Conversions Part 1

Format	Color
Hex	35735C
RGB	53, 115, 92
RGB Percent	21%, 45%, 36%
CMY	0.7922, 0.5490, 0.6392
CMYK	0.54, 0.00, 0.20, 0.55
HSL	158°, 37%, 33%
HSV	158°, 54%, 45%
XYZ	9.5307, 13.7911, 12.2848
YIQ	93.8400, -29.5690, -20.2970

Conversions

Conversions Part 2

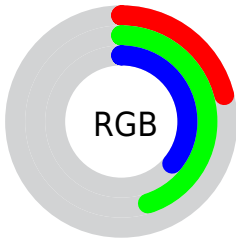
Format	Color
RYB	53, 91, 115
Decimal	3502940
CIELab	43.93, -26.04, 6.69
CIELCh	44, 26.881, 165.592
Yxy	13.7911, 0.2677, 0.3873
Android (android.graphics.Color)	4281693020 (0xFF35735C)
YUV	93.8400, -0.9071, -35.8167
Hunter-Lab	37.1363, -19.1781, 6.3821

Details

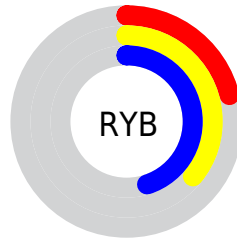
The Hex color **35735C** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **73354C**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **69A78E**, and **00422E** is the 20% darker color. If you saturate the color by 10%, you get **2A7358**, and if you desaturate by 10%, it is **417360**.

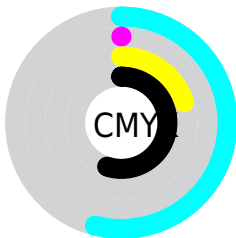
Distribution



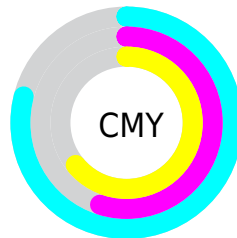
- Red (21%)
- Green (45%)
- Blue (36%)



- Red (21%)
- Yellow (36%)
- Blue (45%)



- Cyan (54%)
- Magenta (0%)
- Yellow (20%)
- Black (55%)



- Cyan (79%)
- Magenta (55%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 35735C 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 35735C by changing the saturation by 10% instead.



35735C



35735C

FFFFFF



1A5A44



69A78E



00422E



83C3A9



002C19



9EDFC4



001600



BAFCE0



000000



D6FFFC



F3FFFF



35735C



35735C



2A7358



417360

■ 1E7353

■ 4C7365

■ 12734F

■ 587369

■ 07734B

■ 63736D

■ 007348

■ 6F7371

■ 7A7376

■ 86737A

■ 91737E

■ 9C7382

Harmonies

Analogous

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



527048



35735C



117473

Triad

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



35735C



5A6693



8E5B49

Complementary

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



35735C



73354C

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.



93575D



35735C



795E87

Square

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



35735C



336D93



8C5874



80633D

Rectangle

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



35735C



007381



8C5874



91594F

Sweetspot

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



35735C



7E968E



4D7335



3E4D47



CCCCCC



4D4D4D

Same Dimension

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



35735C



359672



356C73



353B38



007A4D



00FA9D

Inverse Universe

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



73354C



963559



733C35



3B3537



7A002D



FA005D

Previews

White Background



This preview shows how the Hex color 35735C looks on a white background.

Color Contrast Check

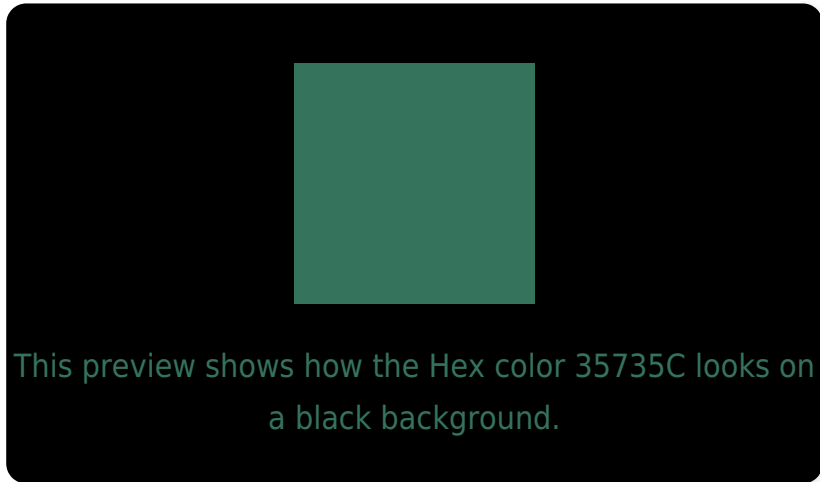
Large Text (above 18pt) WCAG AA ✓ Pass

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

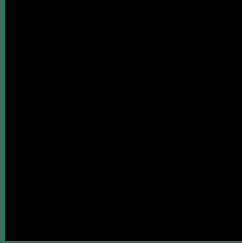
Any Text WCAG AA × Fail

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 35735C Background



This preview shows how black text looks on a background with the Hex color 35735C.



This preview shows how white text looks on a background with the Hex color 35735C.

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
35735C

Protanopia
6D6756

Deuteranopia
74645F



Tritanopia
3E6F78

Trichromacy



Original Color
35735C

Protanomaly
596B58

Deuteranomaly
5D695E

Tritanomaly
3B706E

Monochromacy



Original Color
35735C

Achromatopsia
5E5E5E

Achromatomaly
4F665D

CSS Examples

Text

The CSS property to change the color of the text to Hex 35735C 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 #35735C looks like.

```
.text, #text, p{  
    color:#35735C  
}
```

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 #35735C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #35735C
}
```

Border

The CSS property to change the border of an element to Hex 35735C 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
#35735C }
```

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

```
.border{ border-color:#35735C }
```

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

Here you see how a box with a 4 pixel #35735C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #35735C; -webkit-box-shadow:4px 4px  
4px 4px #35735C; box-shadow:4px 4px 4px  
4px #35735C }
```

Background

The CSS property to change the background color of an element to Hex 35735C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#35735C }
```

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

```
.background{ background-color:#35735C }
```

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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