

Converting Colors

Hex(37305C)

Have a look what the booklet for
Hex(37305C) contains.

Hex(37305C)	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(37305C)

Conversions

Conversions Part 1

Format	Color
Hex	37305C
RGB	55, 48, 92
RGB Percent	22%, 19%, 36%
CMY	0.7843, 0.8118, 0.6392
CMYK	0.40, 0.48, 0.00, 0.64
HSL	250°, 31%, 27%
HSV	250°, 48%, 36%
XYZ	4.5643, 3.6988, 10.5986
YIQ	55.1090, -9.9520, 15.1680

Conversions

Conversions Part 2

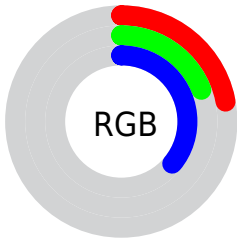
Format	Color
R_{YB}	55, 48, 92
Decimal	3616860
CIE _{Lab}	22.65, 15.15, -25.36
CIE _{LCh}	23, 29.541, 300.842
Yxy	3.6988, 0.2420, 0.1961
Android (android.graphics.Color)	4281806940 (0xFF37305C)
YUV	55.1090, 18.1873, -0.0956
Hunter-Lab	19.2324, 8.7054, -19.2110

Details

The Hex color **37305C** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **555C30**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **685E8F**, and **0C012E** is the 20% darker color. If you saturate the color by 10%, you get **2F275C**, and if you desaturate by 10%, it is **3F395C**.

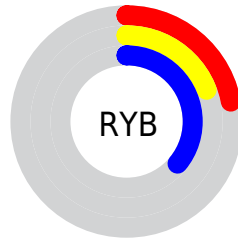
Distribution



Red (22%)

Green (19%)

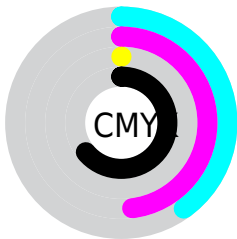
Blue (36%)



Red (22%)

Yellow (19%)

Blue (36%)

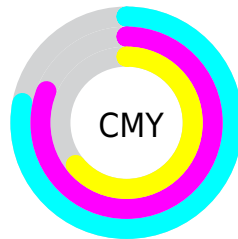


Cyan (40%)

Magenta (48%)

Yellow (0%)

Black (64%)



Cyan (78%)

Magenta (81%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 37305C 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 37305C by changing the saturation by 10% instead.

■ 37305C

■ 37305C

FFFFFF

■ 201B44

■ 685E8F

■ 0C012E

■ 8277A9

■ 000118

■ 9C90C5

■ 000000

■ B7ABE1

■ D3C6FD

■ F0E2FF

■ 37305C

■ 37305C

■ 2F275C

■ 3F395C

■ 281E5C

■ 46425C

■ 20145C

■ 4E4C5C

■ 180B5C

■ 56555C

■ 10025C

■ 5E5E5C

■ 0F005C

■ 65675C

■ 6D705C

■ 757A5C

■ 7D835C

Harmonies

Analogous

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



003862



37305C



51274C

Triad

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



37305C



522D0F



004136

Complementary

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



37305C



555C30

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.



073F20



37305C



413505

Square

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



37305C



5C2421



2B3B0D



00404C

Rectangle

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



37305C



5A223E



2B3B0D



00402E

Sweetspot

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



37305C



6A6778



30555C



34333D



BDBDBD



3D3D3D

Same Dimension

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



37305C



3E3478



4D305C



2A292E



11006E



2600ED

Inverse Universe

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



5C3055



78346D



3F5C30



2E292D



6E005C



ED00C7

Previews

White Background



This preview shows how the Hex color 37305C looks on a white background.

Color Contrast Check

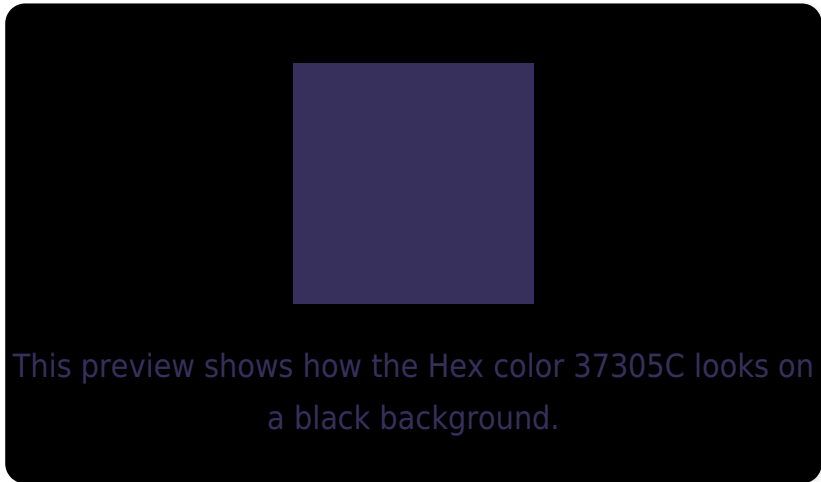
Large Text (above 18pt) WCAG AA ✓ Pass

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

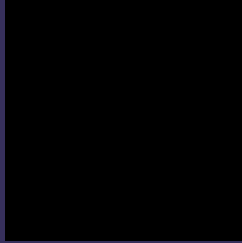
Any Text WCAG AA × Fail

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 37305C Background



This preview shows how black text looks on a background with the Hex color 37305C.



This preview shows how white text looks on a background with the Hex color 37305C.

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](#).

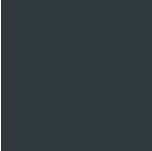
Dichromacy



Original Color
37305C

Protanopia
223561

Deuteranopia
1E375B



Tritanopia
2F383C

Trichromacy



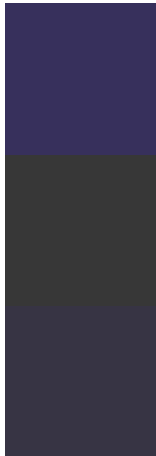
Original Color
37305C

Protanomaly
2A335F

Deuteranomaly
27345B

Tritanomaly
323548

Monochromacy



Original Color
37305C

Achromatopsia
373737

Achromatomaly
373444

CSS Examples

Text

The CSS property to change the color of the text to Hex 37305C 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 #37305C looks like.

```
.text, #text, p{  
    color:#37305C  
}
```

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 #37305C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37305C
}
```

Border

The CSS property to change the border of an element to Hex 37305C is called "border". The border property can be set on classes, ids or directly on the HTML element.

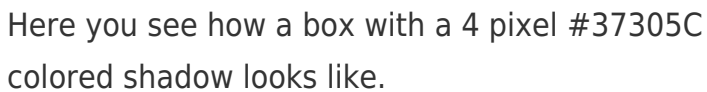
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37305C }
```

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

```
.border{ border-color:#37305C }
```

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



Here you see how a box with a 4 pixel #37305C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37305C; -webkit-box-shadow:4px 4px  
4px 4px #37305C; box-shadow:4px 4px 4px  
4px #37305C }
```

Background

The CSS property to change the background color of an element to Hex 37305C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37305C }
```

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

```
.background{ background-color:#37305C }
```

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