

Converting Colors

Hex(76315C)

Have a look what the booklet for
Hex(76315C) contains.

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Color

Hex(76315C)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 76315C |
| RGB | 118, 49, 92 |
| RGB Percent | 46%, 19%, 36% |
| CMY | 0.5373, 0.8078, 0.6392 |
| CMYK | 0.00, 0.58, 0.22, 0.54 |
| HSL | 323°, 41%, 33% |
| HSV | 323°, 58%, 46% |
| XYZ | 10.5013, 6.8209, 10.8883 |
| YIQ | 74.5330, 27.3210, 28.0010 |

Conversions

Conversions Part 2

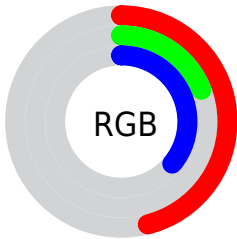
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 118, 49, 92 |
| Decimal | 7745884 |
| CIE _{Lab} | 31.40, 35.63, -11.12 |
| CIE _{LCh} | 31, 37.325, 342.675 |
| Yxy | 6.8209, 0.3722, 0.2418 |
| Android (android.graphics.Color) | 4285935964 (0xFF76315C) |
| YUV | 74.5330, 8.6112, 38.1206 |
| Hunter-Lab | 26.1168, 26.0685, -6.4367 |

Details

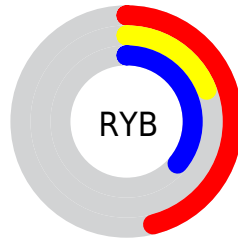
The Hex color **76315C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **31764B**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **AC638E**, and **43002E** is the 20% darker color. If you saturate the color by 10%, you get **762558**, and if you desaturate by 10%, it is **763D60**.

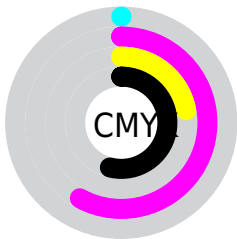
Distribution



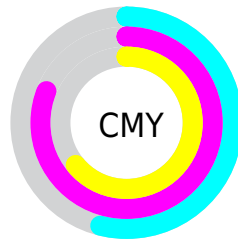
- Red (46%)
- Green (19%)
- Blue (36%)



- Red (46%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (58%)
- Yellow (22%)
- Black (54%)



- Cyan (54%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76315C 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 76315C by changing the saturation by 10% instead.

 76315C

 76315C

FFFFFF

 5C1844

 AC638E

 43002E

 C87DA9

 2D001A

 E597C4

 000000

 FFB2E0

 FFCEFD

 FFE8FF

 76315C

 76315C

 762558

 763D60

761953

764965

760E4F

765469

76024A

76606E

76004A

766C72

767877

76847B

768F80

769B84

Harmonies

Analogous

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



5B3D75



76315C



7F2E3F

Triad

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



76315C



4D4C09



005671

Complementary

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



76315C



31764B

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.



005856



76315C



2C531C

Square

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



76315C



67420E



005737



005282

Rectangle

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



76315C



7C332C



005737



005769

Sweetspot

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



76315C



997D8F



4A3176



4D3C46



CCCCCC



4D4D4D

Same Dimension

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



76315C



992E71



76313A



3B3538



7A004C



FA009C

Inverse Universe

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



76315C



992E71



31766D



3B3538



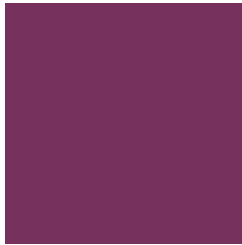
7A004C



FA009C

Previews

White Background



This preview shows how the Hex color 76315C looks on a white background.

Color Contrast Check

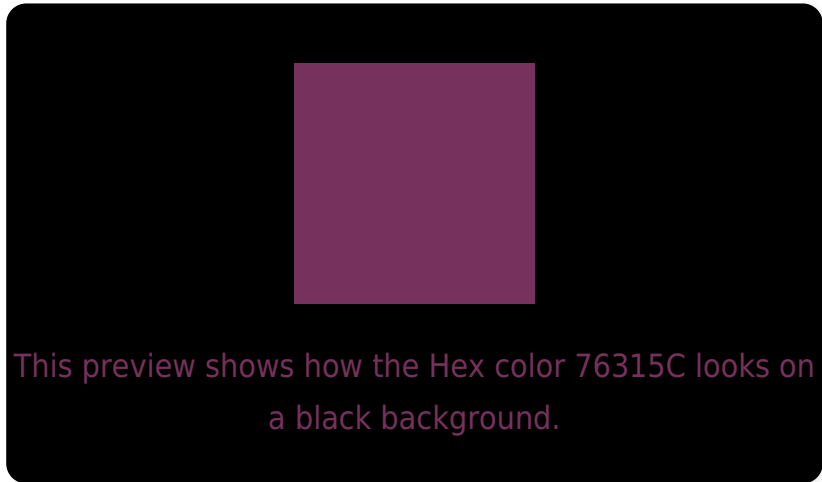
Large Text (above 18pt) WCAG AA ✓ Pass

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

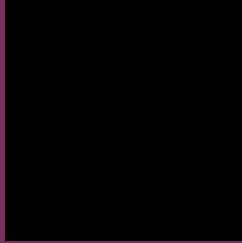
Any Text WCAG AA × Fail

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 76315C Background



This preview shows how black text looks on a background with the Hex color 76315C.



This preview shows how white text looks on a background with the Hex color 76315C.

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
76315C

Protanopia
3E4A6E

Deuteranopia
4B4958



Tritanopia
73383C

Trichromacy



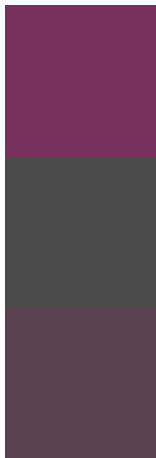
Original Color
76315C

Protanomaly
524167

Deuteranomaly
5B4059

Tritanomaly
743548

Monochromacy



Original Color
76315C

Achromatopsia
4B4B4B

Achromatomaly
5B4251

CSS Examples

Text

The CSS property to change the color of the text to Hex 76315C 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 #76315C looks like.

```
.text, #text, p{  
    color:#76315C  
}
```

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 #76315C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76315C
}
```

Border

The CSS property to change the border of an element to Hex 76315C is called "border". The border property can be set on classes, ids or directly on the HTML element.

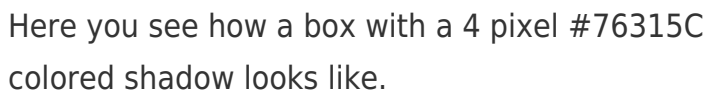
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#76315C }
```

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

```
.border{ border-color:#76315C }
```

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



Here you see how a box with a 4 pixel `#76315C` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76315C; -webkit-box-shadow:4px 4px  
4px 4px #76315C; box-shadow:4px 4px 4px  
4px #76315C }
```

Background

The CSS property to change the background color of an element to Hex 76315C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76315C }
```

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

```
.background{ background-color:#76315C }
```

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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