

Converting Colors

Hex(70205C)

Have a look what the booklet for
Hex(70205C) contains.

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Color

Hex(70205C)

Conversions

Conversions Part 1

Format	Color
Hex	70205C
RGB	112, 32, 92
RGB Percent	44%, 13%, 36%
CMY	0.5608, 0.8745, 0.6392
CMYK	0.00, 0.71, 0.18, 0.56
HSL	315°, 56%, 28%
HSV	315°, 71%, 44%
XYZ	9.1304, 5.2505, 10.6574
YIQ	62.7600, 28.4200, 35.6200

Conversions

Conversions Part 2

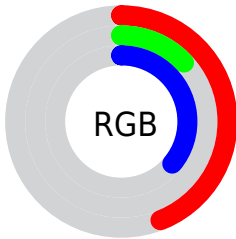
Format	Color
R_{YB}	112, 32, 92
Decimal	7348316
CIE _{Lab}	27.44, 41.76, -17.28
CIE _{LCh}	27, 45.198, 337.523
Yxy	5.2505, 0.3647, 0.2097
Android (android.graphics.Color)	4285538396 (0xFF70205C)
YUV	62.7600, 14.4153, 43.1835
Hunter-Lab	22.9139, 31.0265, -11.5365

Details

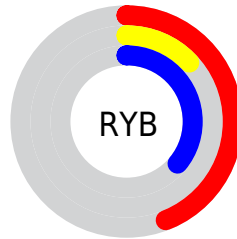
The Hex color **70205C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **207034**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **A6538E**, and **3D002E** is the 20% darker color. If you saturate the color by 10%, you get **701559**, and if you desaturate by 10%, it is **702B5F**.

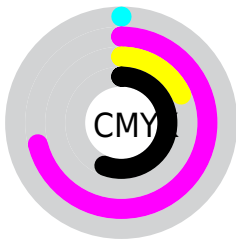
Distribution



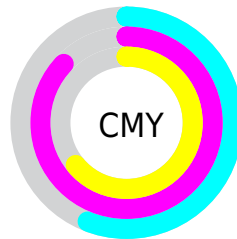
- Red (44%)
- Green (13%)
- Blue (36%)



- Red (44%)
- Yellow (13%)
- Blue (36%)



- Cyan (0%)
- Magenta (71%)
- Yellow (18%)
- Black (56%)



- Cyan (56%)
- Magenta (87%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70205C 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 70205C by changing the saturation by 10% instead.

 70205C

 70205C

FFFFFF

 560044

 A6538E

 3D002E

 C26DA9

 260019

 DF88C4

 000000

 FCA3E0

 FFBFFD

 FFD8FF

 FFF8FF

 70205C

 70205C

701559

702B5F

700A56

703662

700054

704264

704D67

70586A

70636D

706E70

707A72

708575

Harmonies

Analogous

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



4B3378



70205C



7D173A

Triad

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



70205C



484200



004F6A

Complementary

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



70205C



207034

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.



005049



70205C



224A00

Square

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



70205C



643500



004E25



004B81

Rectangle

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



70205C



7B1E23



004E25



005060

Sweetspot

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



70205C



91738A



342070



4A3745



C9C9C9



4A4A4A

Same Dimension

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



70205C



911472



702034



383237



78005A



F700BA

Inverse Universe

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



70205C



911472



20705C



383237



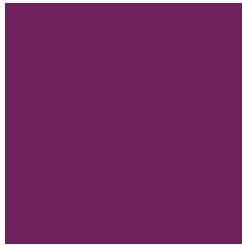
78005A



F700BA

Previews

White Background



This preview shows how the Hex color 70205C looks on a white background.

Color Contrast Check

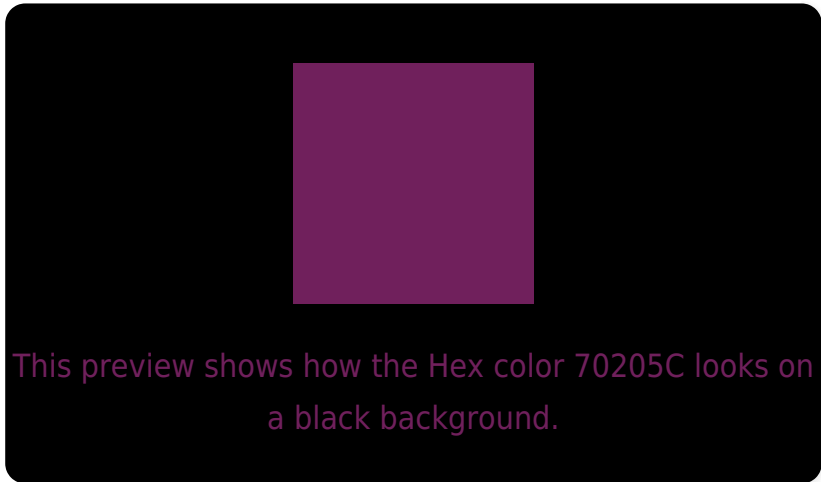
Large Text (above 18pt) WCAG AA ✓ Pass

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

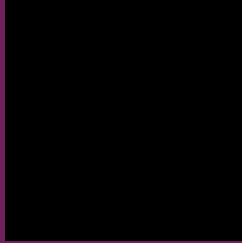
Any Text WCAG AA × Fail

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 70205C Background



This preview shows how black text looks on a background with the Hex color 70205C.



This preview shows how white text looks on a background with the Hex color 70205C.

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





Tritanopia
6C2D30

Trichromacy



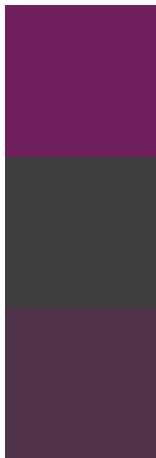
Original Color
70205C

Protanomaly
42346D

Deuteranomaly
503559

Tritanomaly
6D2840

Monochromacy



Original Color
70205C

Achromatopsia
3F3F3F

Achromatomaly
51344A

CSS Examples

Text

The CSS property to change the color of the text to Hex 70205C 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 #70205C looks like.

```
.text, #text, p{  
    color:#70205C  
}
```

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 #70205C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70205C
}
```

Border

The CSS property to change the border of an element to Hex 70205C is called "border". The border property can be set on classes, ids or directly on the HTML element.

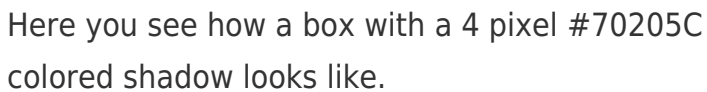
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70205C }
```

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

```
.border{ border-color:#70205C }
```

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



Here you see how a box with a 4 pixel #70205C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70205C; -webkit-box-shadow:4px 4px  
4px 4px #70205C; box-shadow:4px 4px 4px  
4px #70205C }
```

Background

The CSS property to change the background color of an element to Hex 70205C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70205C }
```

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

```
.background{ background-color:#70205C }
```

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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