

Converting Colors

Hex(70305B)

Have a look what the booklet for
Hex(70305B) contains.

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Color

Hex(70305B)

Conversions

Conversions Part 1

Format	Color
Hex	70305B
RGB	112, 48, 91
RGB Percent	44%, 19%, 36%
CMY	0.5608, 0.8118, 0.6431
CMYK	0.00, 0.57, 0.19, 0.56
HSL	320°, 40%, 31%
HSV	320°, 57%, 44%
XYZ	9.6274, 6.3140, 10.6088
YIQ	72.0380, 24.3410, 26.9410

Conversions

Conversions Part 2

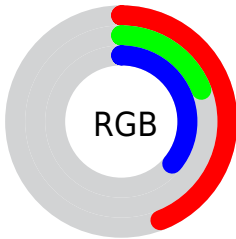
Format	Color
R _{YB}	112, 48, 91
Decimal	7352411
CIE Lab	30.19, 33.97, -12.39
CIE LCh	30, 36.163, 339.962
Yxy	6.3140, 0.3626, 0.2378
Android (android.graphics.Color)	4285542491 (0xFF70305B)
YUV	72.0380, 9.3483, 35.0467
Hunter-Lab	25.1276, 24.4169, -7.4428

Details

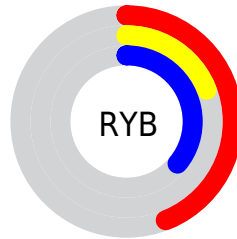
The Hex color **70305B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **307045**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **A6618D**, and **3E002D** is the 20% darker color. If you saturate the color by 10%, you get **702557**, and if you desaturate by 10%, it is **703B5F**.

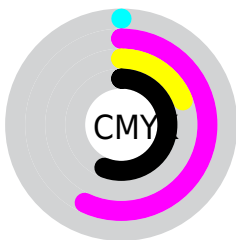
Distribution



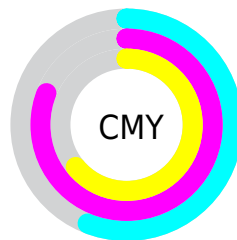
- Red (44%)
- Green (19%)
- Blue (36%)



- Red (44%)
- Yellow (19%)
- Blue (36%)



- Cyan (0%)
- Magenta (57%)
- Yellow (19%)
- Black (56%)



- Cyan (56%)
- Magenta (81%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 70305B 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 70305B by changing the saturation by 10% instead.

 70305B

 70305B

FFFFFF

 561743

 A6618D

 3E002D

 C17BA8

 2A0019

 DE95C3

 000000

 FBB0DF

 FFCCFB

 FFE9FF

 70305B

 70305B

 702557

 703B5F

701A54

704662

700E50

705266

70034C

705D6A

70004B

70686D

707371

707E75

708A78

70957C

Harmonies

Analogous

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



553C72



70305B



7A2C3F

Triad

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



70305B



4D4908



00536B

Complementary

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



70305B



307045

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.



005550



70305B



2E4F19

Square

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



70305B



653F0F



005333



004F7C

Rectangle

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



70305B



78302D



005333



005462

Sweetspot

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



70305B



917989



443070



4A3B45



C9C9C9



4A4A4A

Same Dimension

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



70305B



912D70



70303C



383236



780051



F700A6

Inverse Universe

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



70305B



912D70



307064



383236



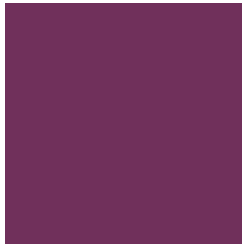
780051



F700A6

Previews

White Background



This preview shows how the Hex color 70305B looks on a white background.

Color Contrast Check

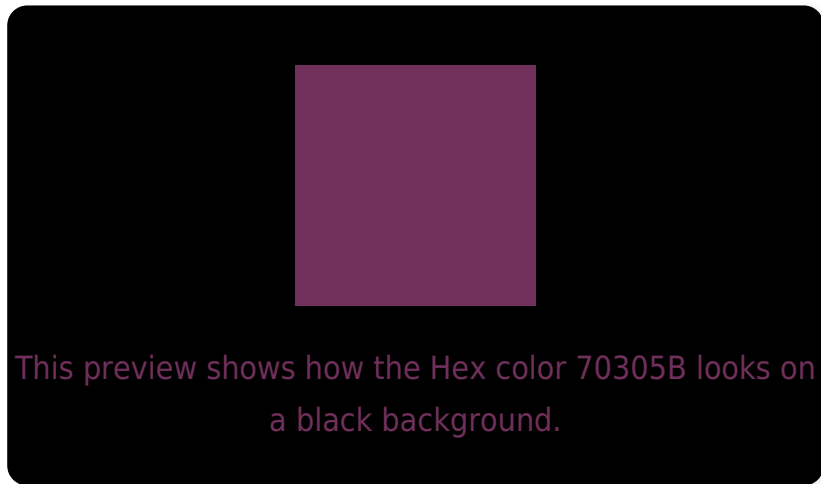
Large Text (above 18pt) WCAG AA ✓ Pass

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

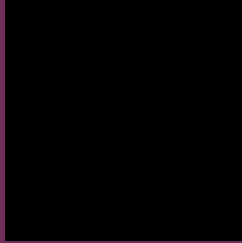
Any Text WCAG AA × Fail

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 70305B Background



This preview shows how black text looks on a background with the Hex color 70305B.



This preview shows how white text looks on a background with the Hex color 70305B.

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
70305B

Protanopia
3B476C

Deuteranopia
474657



Tritanopia
6D373B

Trichromacy



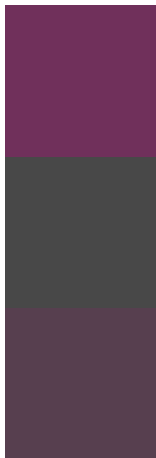
Original Color
70305B

Protanomaly
4E3F66

Deuteranomaly
563E58

Tritanomaly
6E3447

Monochromacy



Original Color
70305B

Achromatopsia
484848

Achromatomaly
573F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 70305B 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 #70305B looks like.

```
.text, #text, p{  
    color:#70305B  
}
```

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 #70305B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #70305B
}
```

Border

The CSS property to change the border of an element to Hex 70305B is called "border". The border property can be set on classes, ids or directly on the HTML element.

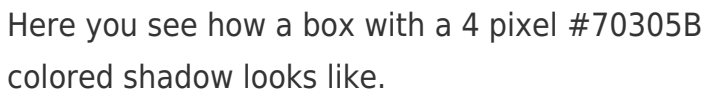
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#70305B }
```

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

```
.border{ border-color:#70305B }
```

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



Here you see how a box with a 4 pixel #70305B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #70305B; -webkit-box-shadow:4px 4px  
4px 4px #70305B; box-shadow:4px 4px 4px  
4px #70305B }
```

Background

The CSS property to change the background color of an element to Hex 70305B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#70305B }
```

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

```
.background{ background-color:#70305B }
```

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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