

Converting Colors

Hex(705584)

Have a look what the booklet for
Hex(705584) contains.

Hex(705584)	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(705584)

Conversions

Conversions Part 1

Format	Color
Hex	705584
RGB	112, 85, 132
RGB Percent	44%, 33%, 52%
CMY	0.5608, 0.6667, 0.4824
CMYK	0.15, 0.36, 0.00, 0.48
HSL	274°, 22%, 43%
HSV	274°, 36%, 52%
XYZ	14.0954, 11.6077, 23.3274
YIQ	98.4310, 1.0050, 20.3410

Conversions

Conversions Part 2

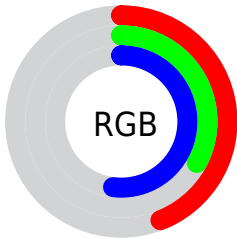
Format	Color
R_{YB}	112, 85, 132
Decimal	7361924
CIE _{Lab}	40.59, 20.75, -22.11
CIE _{LCh}	41, 30.326, 313.184
Yxy	11.6077, 0.2875, 0.2367
Android (android.graphics.Color)	4285552004 (0xFF705584)
YUV	98.4310, 16.5495, 11.9000
Hunter-Lab	34.0701, 14.2263, -16.7462

Details

The Hex color **705584** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **698455**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A487B9**, and **3F2752** is the 20% darker color. If you saturate the color by 10%, you get **6A4884**, and if you desaturate by 10%, it is **766284**.

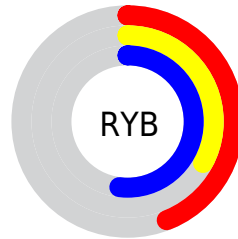
Distribution



Red (44%)

Green (33%)

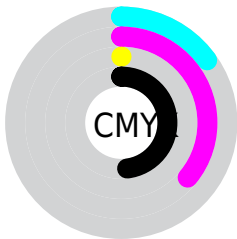
Blue (52%)



Red (44%)

Yellow (33%)

Blue (52%)

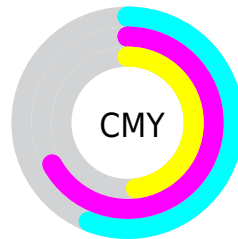


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (48%)



Cyan (56%)

Magenta (67%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 705584 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 705584 by changing the saturation by 10% instead.

■ 705584

■ 705584

FFFFFF

■ 573E6B

■ A487B9

■ 3F2752

■ C0A1D5

■ 28123B

■ DCBCF1

■ 170026

■ F9D8FF

■ 00010E

■ FFF5FF

■ 000000

■ 705584

■ 705584

■ 6A4884

■ 766284

■ 653B84

■ 7B6F84

5F2D84

817D84

5A2084

868A84

541384

8C9784

4E0684

92A484

4C0084

97B184

9DBF84

A3CC84

Harmonies

Analogous

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



4B5E90



705584



874D6F

Triad

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



705584



7B5930



006D6A

Complementary

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



705584



698455

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.



256C50



705584



64622E

Square

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



705584



8A513F



49683A



006B81

Rectangle

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



705584



8E4B5E



49683A



006C62

Sweetspot

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



705584



A398AB



556984



524B57



D6D6D6



575757

Same Dimension

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



705584



8C61AB



845581



3F3C42



4B0082



010003

Inverse Universe

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



845569



AB6181



558458



423C3E



820037



030001

Previews

White Background



This preview shows how the Hex color 705584 looks on a white background.

Color Contrast Check

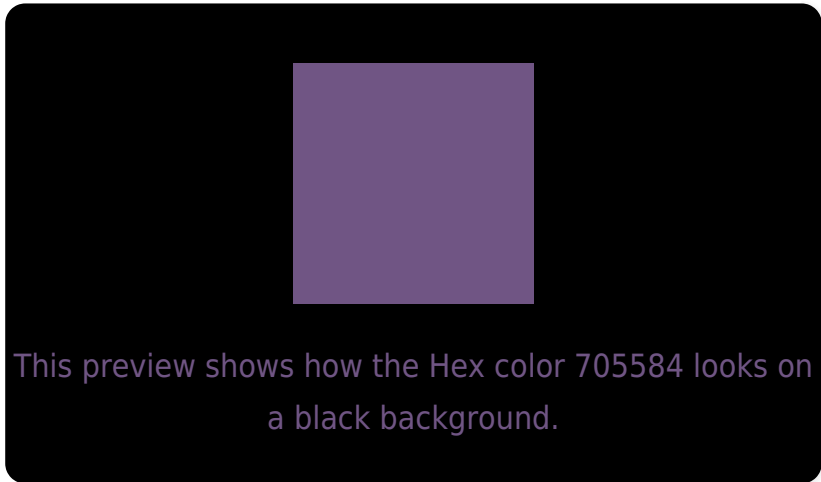
Large Text (above 18pt) WCAG AA ✓ Pass

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

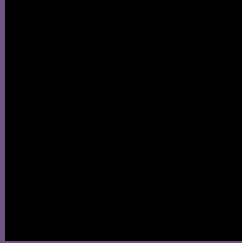
Any Text WCAG AA × Fail

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 705584 Background



This preview shows how black text looks on a background with the Hex color 705584.



This preview shows how white text looks on a background with the Hex color 705584.

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
705584

Protanopia
515E8B

Deuteranopia
565F82



Tritanopia
6B5C63

Trichromacy



Original Color
705584

Protanomaly
5C5B88

Deuteranomaly
5F5B83

Tritanomaly
6D596F

Monochromacy



Original Color
705584

Achromatopsia
626262

Achromatomaly
675D6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 705584 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 #705584 looks like.

```
.text, #text, p{  
    color:#705584  
}
```

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 #705584 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #705584
}
```

Border

The CSS property to change the border of an element to Hex 705584 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
#705584 }
```

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

```
.border{ border-color:#705584 }
```

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

Here you see how a box with a 4 pixel #705584 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #705584; -webkit-box-shadow:4px 4px  
4px 4px #705584; box-shadow:4px 4px 4px  
4px #705584 }
```

Background

The CSS property to change the background color of an element to Hex 705584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#705584 }
```

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

```
.background{ background-color:#705584 }
```

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