

Converting Colors

Hex(701581)

Have a look what the booklet for
Hex(701581) contains.

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Color

Hex(701581)

Conversions

Conversions Part 1

Format	Color
Hex	701581
RGB	112, 21, 129
RGB Percent	44%, 8%, 51%
CMY	0.5608, 0.9176, 0.4941
CMYK	0.13, 0.84, 0.00, 0.49
HSL	291°, 72%, 29%
HSV	291°, 84%, 51%
XYZ	10.9127, 5.5661, 21.2681
YIQ	60.5210, 19.5680, 52.8800

Conversions

Conversions Part 2

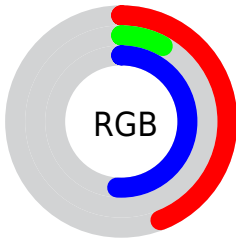
Format	Color
R_{YB}	112, 21, 129
Decimal	7345537
CIE _{Lab}	28.29, 52.11, -39.68
CIE _{LCh}	28, 65.498, 322.711
Yxy	5.5661, 0.2891, 0.1475
Android (android.graphics.Color)	4285535617 (0xFF701581)
YUV	60.5210, 33.7601, 45.1471
Hunter-Lab	23.5925, 41.2783, -36.9338

Details

The Hex color **701581** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **268115**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **A74EB7**, and **3B004F** is the 20% darker color. If you saturate the color by 10%, you get **6E0881**, and if you desaturate by 10%, it is **722281**.

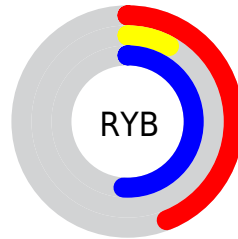
Distribution



Red (44%)

Green (8%)

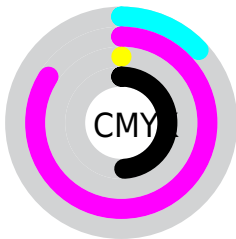
Blue (51%)



Red (44%)

Yellow (8%)

Blue (51%)

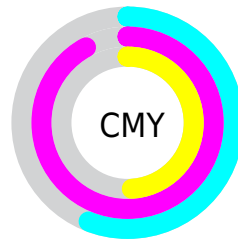


Cyan (13%)

Magenta (84%)

Yellow (0%)

Black (49%)



Cyan (56%)

Magenta (92%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701581 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 701581 by changing the saturation by 10% instead.

701581

701581

FFFFFF

550067

A74EB7

3B004F

C368D2

250038

E083EF

000121

FE9EFF

000005

FFBAFF

000000

FFD7FF

FFF4FF

701581

701581

■ 6E0881

■ 722281

■ 6D0081

■ 742F81

■ 763C81

■ 784981

■ 7A5681

■ 7C6281

■ 7E6F81

■ 807C81

■ 828981

Harmonies

Analogous

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



003BA2



701581



920051

Triad

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



701581



5D3D00



005669

Complementary

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



701581



268115

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.



005534



701581



2D4B00

Square

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



701581



802000



005200



005594

Rectangle

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



701581



960030



005200



005658

Sweetspot

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



701581



A27EA8



152781



503B54



D4D4D4



545454

Same Dimension

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



701581



8E00A8



81155D



3F3940



6B0080



000000

Inverse Universe

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



811526



A8001A



158139



40393A



800014



000000

Previews

White Background



This preview shows how the Hex color 701581 looks on a white background.

Color Contrast Check

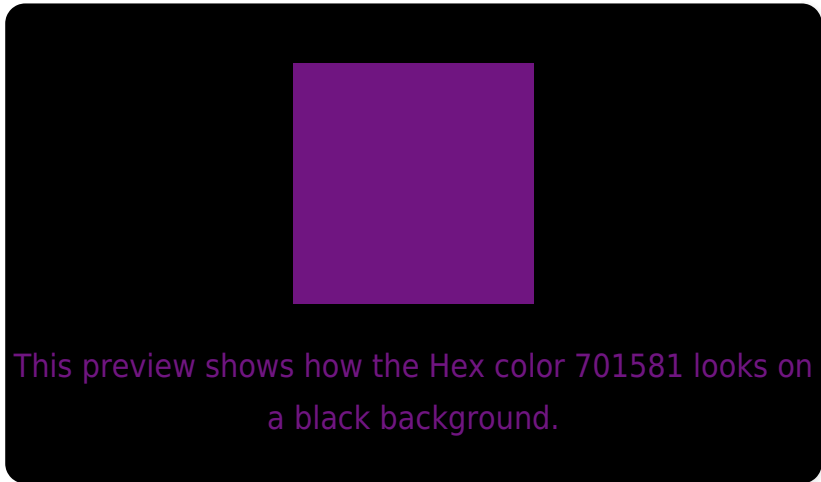
Large Text (above 18pt) WCAG AA ✓ Pass

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

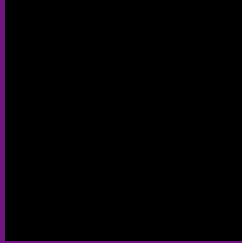
Any Text WCAG AA × Fail

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 701581 Background



This preview shows how black text looks on a background with the Hex color 701581.



This preview shows how white text looks on a background with the Hex color 701581.

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
701581

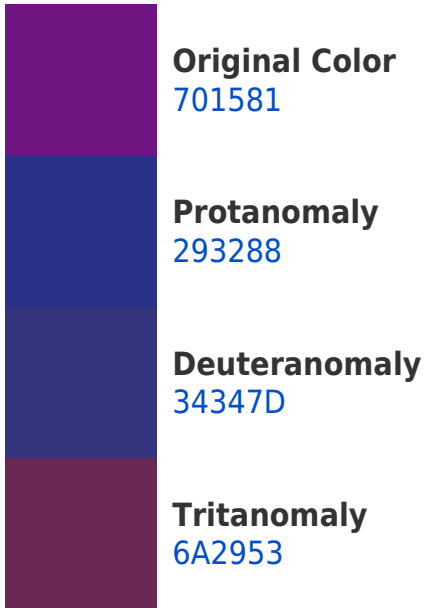
Protanopia
00428C

Deuteranopia
12467A

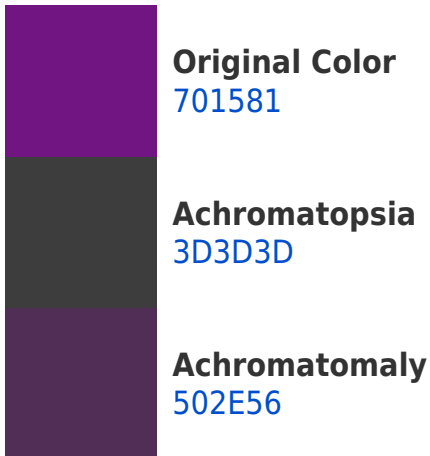


Tritanopia
673539

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 701581 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 #701581 looks like.

```
.text, #text, p{  
    color:#701581  
}
```

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 #701581 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701581
}
```

Border

The CSS property to change the border of an element to Hex 701581 is called "border". The border property can be set on classes, ids or directly on the HTML element.

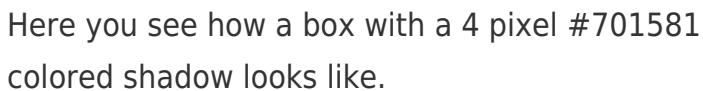
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701581 }
```

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

```
.border{ border-color:#701581 }
```

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



Here you see how a box with a 4 pixel #701581 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701581; -webkit-box-shadow:4px 4px  
4px 4px #701581; box-shadow:4px 4px 4px  
4px #701581 }
```

Background

The CSS property to change the background color of an element to Hex 701581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701581 }
```

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

```
.background{ background-color:#701581 }
```

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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