

Converting Colors

Hex(713CA5)

Have a look what the booklet for
Hex(713CA5) contains.

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Color

Hex(713CA5)

Conversions

Conversions Part 1

Format	Color
Hex	713CA5
RGB	113, 60, 165
RGB Percent	44%, 24%, 65%
CMY	0.5569, 0.7647, 0.3529
CMYK	0.32, 0.64, 0.00, 0.35
HSL	270°, 47%, 44%
HSV	270°, 64%, 65%
XYZ	15.2174, 9.4590, 36.6210
YIQ	87.8170, -2.1170, 43.8910

Conversions

Conversions Part 2

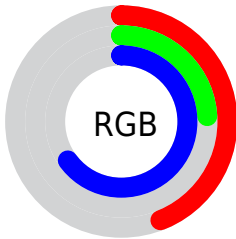
Format	Color
R_{YB}	113, 60, 165
Decimal	7421093
CIE _{Lab}	36.85, 43.68, -47.96
CIE _{LCh}	37, 64.873, 312.328
Yxy	9.4590, 0.2483, 0.1543
Android (android.graphics.Color)	4285611173 (0xFF713CA5)
YUV	87.8170, 38.0512, 22.0855
Hunter-Lab	30.7556, 34.4972, -49.0685

Details

The Hex color **713CA5** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **70A53C**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **A86EDD**, and **3B0770** is the 20% darker color. If you saturate the color by 10%, you get **692CA5**, and if you desaturate by 10%, it is **794CA5**.

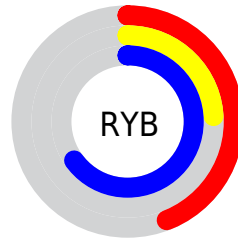
Distribution



Red (44%)

Green (24%)

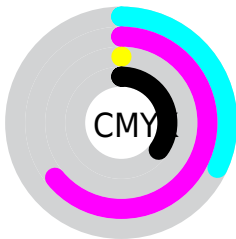
Blue (65%)



Red (44%)

Yellow (24%)

Blue (65%)

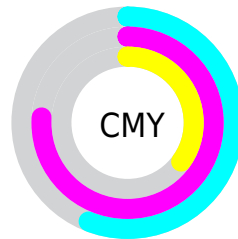


Cyan (32%)

Magenta (64%)

Yellow (0%)

Black (35%)



Cyan (56%)

Magenta (76%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 713CA5 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 713CA5 by changing the saturation by 10% instead.

713CA5

713CA5

FFFFFF

56238A

A86EDD

3B0770

C489FA

1F0057

E1A3FF

01003F

FFBFFF

000328

FFDBFF

000112

FFF8FF

000000

713CA5

713CA5

692CA5

794CA5

611BA5

815DA5

580BA5

8A6EA5

5300A5

927EA5

9A8EA5

A29FA5

AAB0A5

B2C0A5

BBD0A5

Harmonies

Analogous

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



0057BE



713CA5



A21278

Triad

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



713CA5



834900



006C6C

Complementary

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



713CA5



70A53C

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.



006B35



713CA5



575B00

Square

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



713CA5



A32A0F



0A6600



006B9D

Rectangle

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



713CA5



AE0055



0A6600



006C5A

Sweetspot

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



713CA5



C2AED6



3C71A5



5F526B



EBEBEB



6B6B6B

Same Dimension

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



713CA5



8633D6



A53CA5



4E4952



490091



090012

Inverse Universe

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



A53C70



D63384



3CA53C



52494D



910048



120009

Previews

White Background



This preview shows how the Hex color 713CA5 looks on a white background.

Color Contrast Check

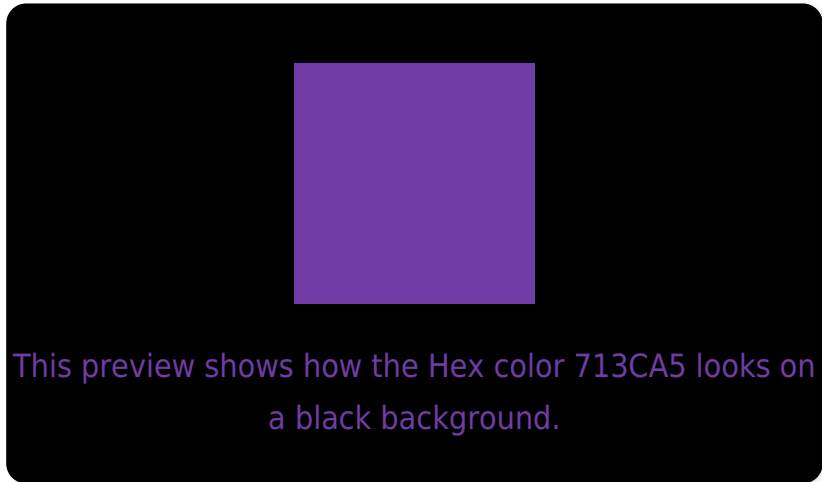
Large Text (above 18pt) WCAG AA ✓ Pass

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

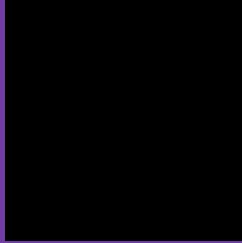
Any Text WCAG AA × Fail

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 713CA5 Background



This preview shows how black text looks on a background with the Hex color 713CA5.

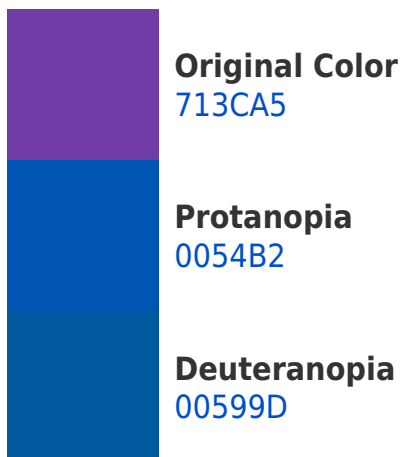



This preview shows how white text looks on a background with the Hex color 713CA5.

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](#).

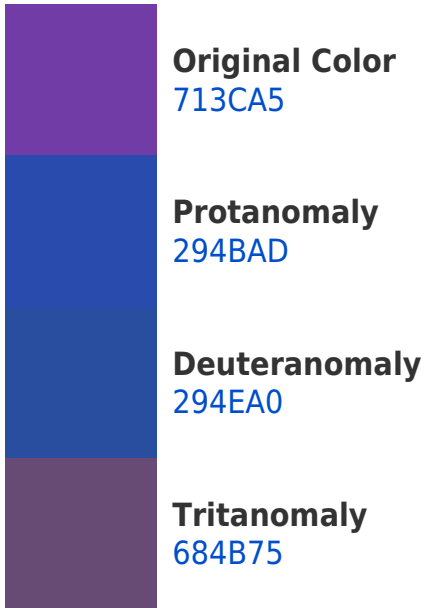
Dichromacy



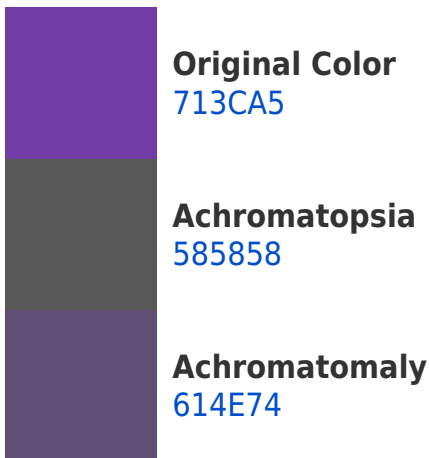


Tritanopia
635359

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 713CA5 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 #713CA5 looks like.

```
.text, #text, p{  
    color:#713CA5  
}
```

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 #713CA5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713CA5
}
```

Border

The CSS property to change the border of an element to Hex 713CA5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

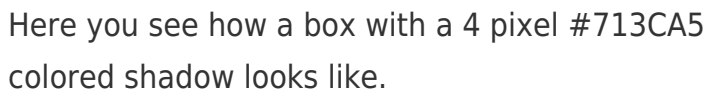
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#713CA5 }
```

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

```
.border{ border-color:#713CA5 }
```

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



Here you see how a box with a 4 pixel #713CA5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713CA5; -webkit-box-shadow:4px 4px  
4px 4px #713CA5; box-shadow:4px 4px 4px  
4px #713CA5 }
```

Background

The CSS property to change the background color of an element to Hex 713CA5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713CA5 }
```

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

```
.background{ background-color:#713CA5 }
```

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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