

Converting Colors

Hex(713ACC)

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

Hex(713ACC)	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(713ACC)

Conversions

Conversions Part 1

Format	Color
Hex	713ACC
RGB	113, 58, 204
RGB Percent	44%, 23%, 80%
CMY	0.5569, 0.7725, 0.2000
CMYK	0.45, 0.72, 0.00, 0.20
HSL	263°, 59%, 51%
HSV	263°, 72%, 80%
XYZ	19.2222, 10.8965, 58.2168
YIQ	91.0890, -14.0860, 57.0660

Conversions

Conversions Part 2

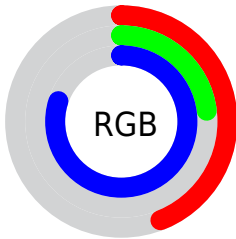
Format	Color
R_{YB}	113, 58, 204
Decimal	7420620
CIE _{Lab}	39.41, 54.67, -66.80
CIE _{LCh}	39, 86.321, 309.298
Yxy	10.8965, 0.2176, 0.1234
Android (android.graphics.Color)	4285610700 (0xFF713ACC)
YUV	91.0890, 55.6651, 19.2159
Hunter-Lab	33.0098, 46.1767, -81.4584

Details

The Hex color **713ACC** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **95CC3A**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AB6EFF**, and **340095** is the 20% darker color. If you saturate the color by 10%, you get **6426CC**, and if you desaturate by 10%, it is **7E4ECC**.

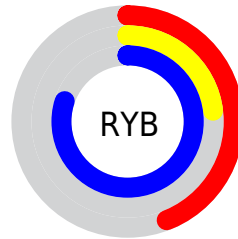
Distribution



Red (44%)

Green (23%)

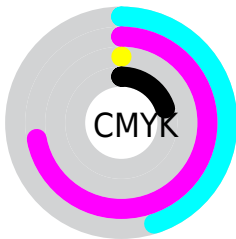
Blue (80%)



Red (44%)

Yellow (23%)

Blue (80%)

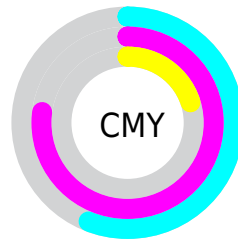


Cyan (45%)

Magenta (72%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (77%)


Yellow (20%)

Brightness & Saturation Gradients

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

 713ACC

 713ACC

FFFFFF

 5320B0

 AB6EFF

 340095

 C988FF

 04007A

 E7A3FF

 000060

 FFBFFF

 000147

 FFD0FF

 000430

 FFF9FF

 00011A

 000000

 713ACC

 713ACC

6426CC

7E4ECC

5811CC

8A63CC

4D00CC

9777CC

A48CCC

B1A0CC

BDB4CC

CAC9CC

D7DDCC

E3F2CC

Harmonies

Analogous

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



0061EB



713ACC



BC0090

Triad

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



713ACC



984600



007772

Complementary

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



713ACC



95CC3A

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.



007526



713ACC



5E6100

Square

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



713ACC



C10000



006F00



0077B6

Rectangle

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



713ACC



CE0062



006F00



007759

Sweetspot

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



713ACC



DEC9FF



3A96CC



6C6080



000000



808080

Same Dimension

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



713ACC



7624FF



B93ACC



605C66



3E00A6



0E0026

Inverse Universe

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



CC3A95



FF24AC



4DCC3A



665C62



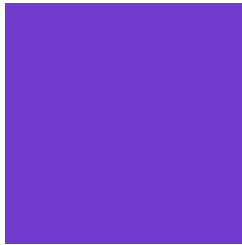
A60067



260018

Previews

White Background



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

Color Contrast Check

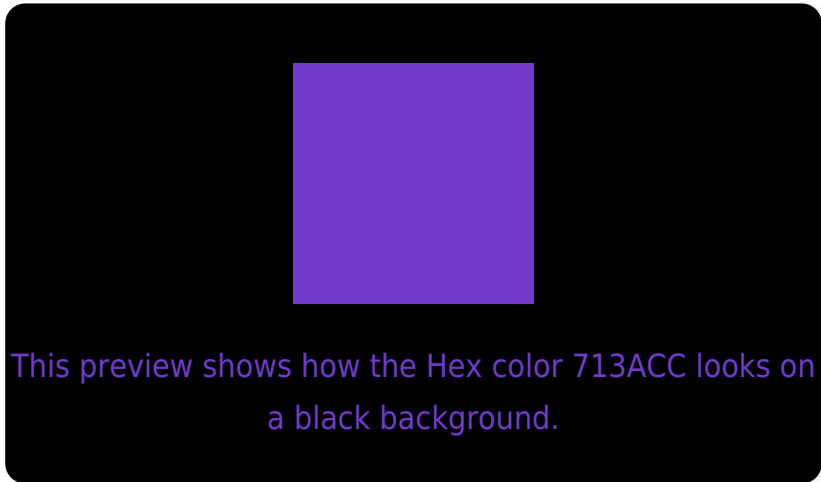
Large Text (above 18pt) WCAG AA ✓ Pass

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

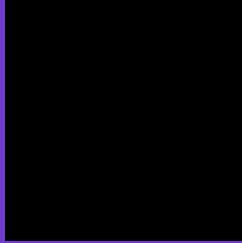
Any Text WCAG AA × Fail

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 713ACC Background



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

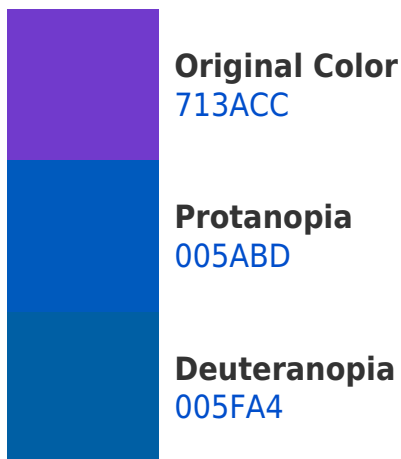



This preview shows how white text looks on a background with the Hex color 713ACC.

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](#).

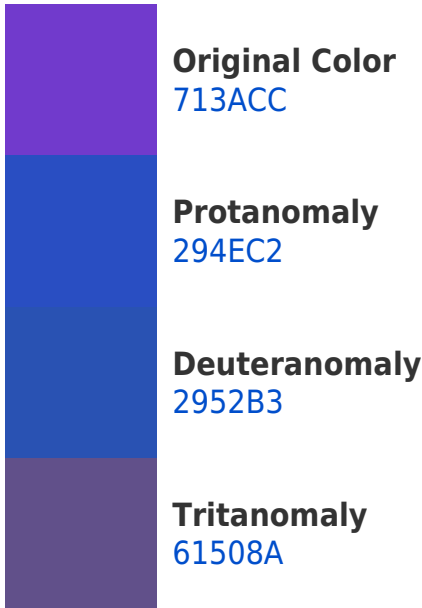
Dichromacy



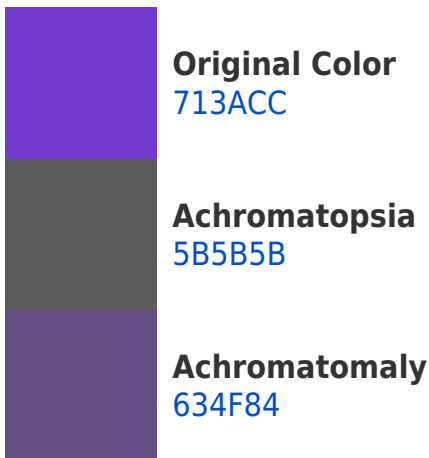


Tritanopia
585D65

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #713ACC colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 713ACC 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
#713ACC }
```

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

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

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

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

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

Background

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

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

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

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

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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