

Converting Colors

Hex(713BC7)

Have a look what the booklet for
Hex(713BC7) contains.

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Color

Hex(713BC7)

Conversions

Conversions Part 1

Format	Color
Hex	713BC7
RGB	113, 59, 199
RGB Percent	44%, 23%, 78%
CMY	0.5569, 0.7686, 0.2196
CMYK	0.43, 0.70, 0.00, 0.22
HSL	263°, 56%, 51%
HSV	263°, 70%, 78%
XYZ	18.6828, 10.7622, 55.1254
YIQ	91.1060, -12.7560, 54.9880

Conversions

Conversions Part 2

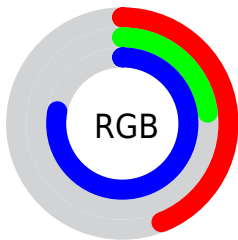
Format	Color
RYB	113, 59, 199
Decimal	7420871
CIELab	39.18, 52.89, -64.27
CIELCh	39, 83.231, 309.450
Yxy	10.7622, 0.2209, 0.1273
Android (android.graphics.Color)	4285610951 (0xFF713BC7)
YUV	91.1060, 53.1917, 19.2010
Hunter-Lab	32.8057, 44.2455, -76.6645

Details

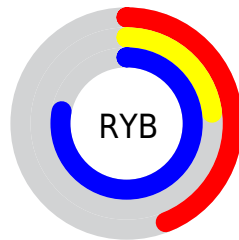
The Hex color **713BC7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **91C73B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **AB6EFF**, and **350190** is the 20% darker color. If you saturate the color by 10%, you get **6527C7**, and if you desaturate by 10%, it is **7D4FC7**.

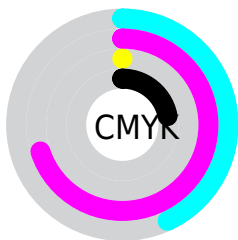
Distribution



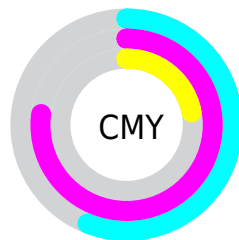
- Red (44%)
- Green (23%)
- Blue (78%)



- Red (44%)
- Yellow (23%)
- Blue (78%)



- Cyan (43%)
- Magenta (70%)
- Yellow (0%)
- Black (22%)



- Cyan (56%)
- Magenta (77%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 713BC7 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 713BC7 by changing the saturation by 10% instead.

713BC7

713BC7

FFFFFF

5421AB

AB6EFF

350190

C889FF

0A0075

E6A4FF

00005C

FFC0FF

000243

FFDCFF

00032C

FFF9FF

000116

000000

713BC7

713BC7

■ 6527C7

■ 7D4FC7

■ 5913C7

■ 8963C7

■ 4D00C7

■ 9677C7

■ A28BC7

■ AE9FC7

■ BAB2C7

■ C7C6C7

■ D3DAC7

■ DFEEC7

Harmonies

Analogous

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



0060E5



713BC7



B8008D

Triad

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



713BC7



964600



007671

Complementary

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



713BC7



91C73B

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.



007428



713BC7



5E6100

Square

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



713BC7



BD0002



006E00



0076B2

Rectangle

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



713BC7



CA0061



006E00



007559

Sweetspot

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



713BC7



DEC9FF



3B91C7



6C6080



000000



808080

Same Dimension

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



713BC7



7B29FF



B73BC7



5D5A63



3F00A3



0E0024

Inverse Universe

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



C73B91



FF29AC



4BC73B



635A60



A30064



240016

Previews

White Background



This preview shows how the Hex color 713BC7 looks on a white background.

Color Contrast Check

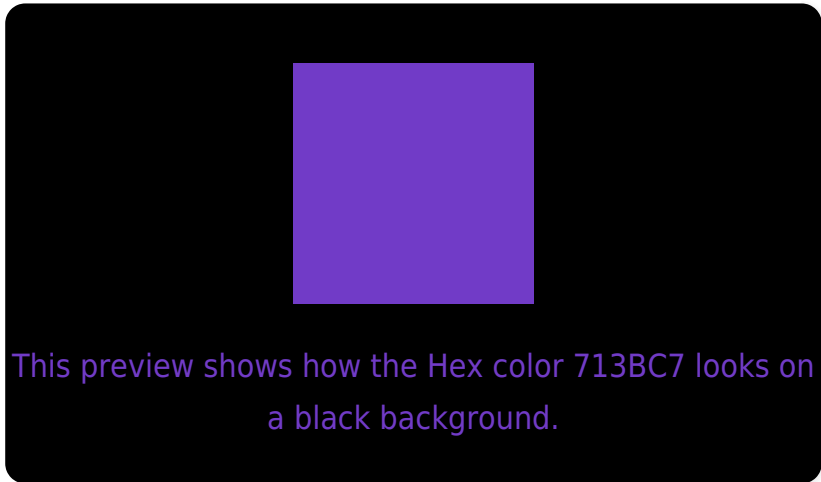
Large Text (above 18pt) WCAG AA ✓ Pass

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

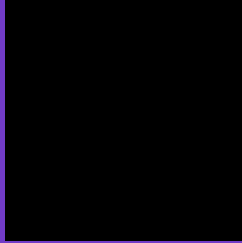
Any Text WCAG AA × Fail

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 713BC7 Background



This preview shows how black text looks on a background with the Hex color 713BC7.

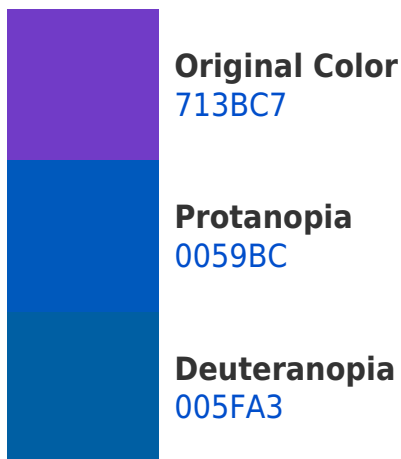



This preview shows how white text looks on a background with the Hex color 713BC7.

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](#).

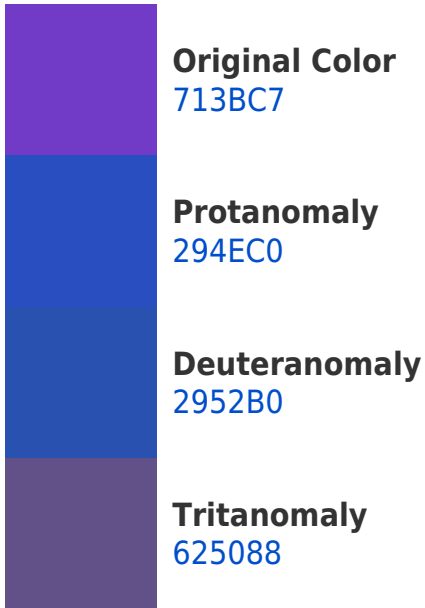
Dichromacy





Tritanopia
595C64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 713BC7 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 #713BC7 looks like.

```
.text, #text, p{  
    color:#713BC7  
}
```

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 #713BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #713BC7
}
```

Border

The CSS property to change the border of an element to Hex 713BC7 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
#713BC7 }
```

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

```
.border{ border-color:#713BC7 }
```

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

Here you see how a box with a 4 pixel #713BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #713BC7; -webkit-box-shadow:4px 4px  
4px 4px #713BC7; box-shadow:4px 4px 4px  
4px #713BC7 }
```

Background

The CSS property to change the background color of an element to Hex 713BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#713BC7 }
```

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

```
.background{ background-color:#713BC7 }
```

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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