

Converting Colors

Hex(5721C7)

Have a look what the booklet for
Hex(5721C7) contains.

Hex(5721C7)	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(5721C7)

Conversions

Conversions Part 1

Format	Color
Hex	5721C7
RGB	87, 33, 199
RGB Percent	34%, 13%, 78%
CMY	0.6588, 0.8706, 0.2196
CMYK	0.56, 0.83, 0.00, 0.22
HSL	260°, 72%, 45%
HSV	260°, 83%, 78%
XYZ	14.7831, 7.2375, 54.6506
YIQ	68.0700, -21.1020, 63.0740

Conversions

Conversions Part 2

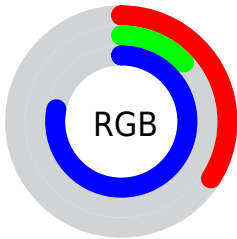
Format	Color
R_{YB}	87, 33, 199
Decimal	5710279
CIE _{Lab}	32.34, 60.52, -75.60
CIE _{LCh}	32, 96.840, 308.682
Yxy	7.2375, 0.1928, 0.0944
Android (android.graphics.Color)	4283900359 (0xFF5721C7)
YUV	68.0700, 64.5485, 16.6016
Hunter-Lab	26.9025, 51.0075, -101.6117

Details

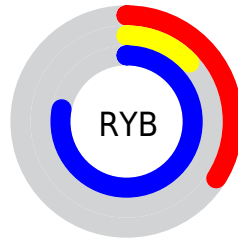
The Hex color **5721C7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **91C721**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9457FF**, and **000090** is the 20% darker color. If you saturate the color by 10%, you get **4A0DC7**, and if you desaturate by 10%, it is **6435C7**.

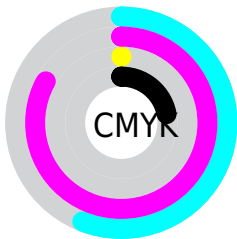
Distribution



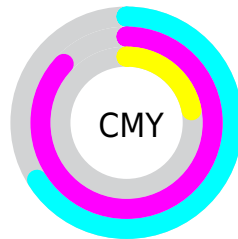
- Red (34%)
- Green (13%)
- Blue (78%)



- Red (34%)
- Yellow (13%)
- Blue (78%)



- Cyan (56%)
- Magenta (83%)
- Yellow (0%)
- Black (22%)



- Cyan (66%)
- Magenta (87%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5721C7 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 5721C7 by changing the saturation by 10% instead.

■ 5721C7

■ 5721C7

FFFFFF

■ 3500AB

■ 9457FF

■ 000090

■ B271FF

■ 000075

■ D18CFF

■ 00005B

■ EFA7FF

■ 000743

■ FFC3FF

■ 00032B

■ FFE0FF

■ 000116

■ FFFDFF

■ 000000

■ 5721C7

■ 5721C7

■ 4A0DC7

■ 6435C7

■ 4100C7

■ 7249C7

■ 7F5DC7

■ 8D71C7

■ 9A85C7

■ A898C7

■ B5ACC7

■ C2C0C7

■ D0D4C7

Harmonies

Analogous

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



0053E9



5721C7



B00085

Triad

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



5721C7



883000



006562

Complementary

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



5721C7



91C721

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.



006307



5721C7



4A5100

Square

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



5721C7



B30000



005E00



0067AC

Rectangle

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



5721C7



C30053



005E00



006447

Sweetspot

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



5721C7



D4BFFF



2192C7



665980



000000



808080

Same Dimension

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



5721C7



5300FF



A921C7



5D5A63



3500A3



0C0024

Inverse Universe

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



C72191



FF00AC



3FC721



635A60



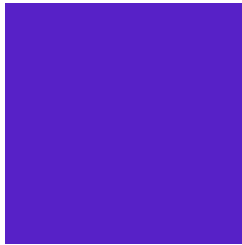
A3006E



240018

Previews

White Background



This preview shows how the Hex color 5721C7 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

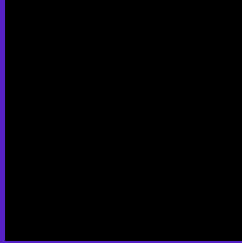
Any Text WCAG AA × Fail

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 5721C7 Background



This preview shows how black text looks on a background with the Hex color 5721C7.

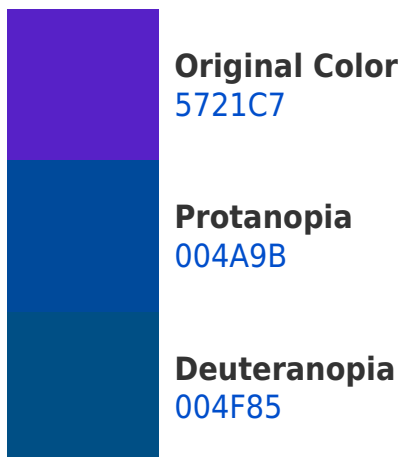


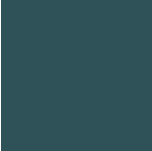
This preview shows how white text looks on a background with the Hex color 5721C7.

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
2E5258

Trichromacy



Original Color
5721C7



Protanomaly
203BAB



Deuteranomaly
203E9D



Tritanomaly
3D4080

Monochromacy



Original Color
5721C7



Achromatopsia
444444



Achromatomaly
4B3774

CSS Examples

Text

The CSS property to change the color of the text to Hex 5721C7 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 #5721C7 looks like.

```
.text, #text, p{  
    color:#5721C7  
}
```

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 #5721C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5721C7
}
```

Border

The CSS property to change the border of an element to Hex 5721C7 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
#5721C7 }
```

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

```
.border{ border-color:#5721C7 }
```

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

Here you see how a box with a 4 pixel #5721C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5721C7; -webkit-box-shadow:4px 4px  
4px 4px #5721C7; box-shadow:4px 4px 4px  
4px #5721C7 }
```

Background

The CSS property to change the background color of an element to Hex 5721C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5721C7 }
```

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

```
.background{ background-color:#5721C7 }
```

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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