

Converting Colors

Hex(5730D6)

Have a look what the booklet for
Hex(5730D6) contains.

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Color

Hex(5730D6)

Conversions

Conversions Part 1

Format	Color
Hex	5730D6
RGB	87, 48, 214
RGB Percent	34%, 19%, 84%
CMY	0.6588, 0.8118, 0.1608
CMYK	0.59, 0.78, 0.00, 0.16
HSL	254°, 67%, 51%
HSV	254°, 78%, 84%
XYZ	17.1250, 8.9952, 64.4520
YIQ	78.5850, -30.0420, 59.8940

Conversions

Conversions Part 2

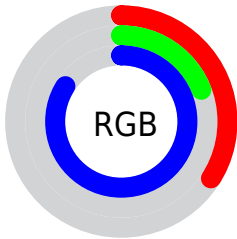
Format	Color
R_{YB}	87, 48, 214
Decimal	5714134
CIE _{Lab}	35.98, 58.37, -78.32
CIE _{LCh}	36, 97.676, 306.699
Yxy	8.9952, 0.1891, 0.0993
Android (android.graphics.Color)	4283904214 (0xFF5730D6)
YUV	78.5850, 66.7596, 7.3800
Hunter-Lab	29.9920, 49.4353, -106.4183

Details

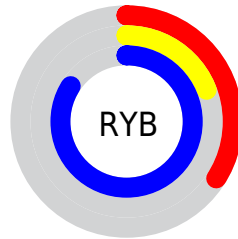
The Hex color **5730D6** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **AFD630**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9663FF**, and **00009E** is the 20% darker color. If you saturate the color by 10%, you get **471BD6**, and if you desaturate by 10%, it is **6745D6**.

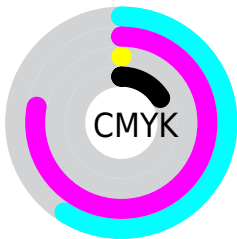
Distribution



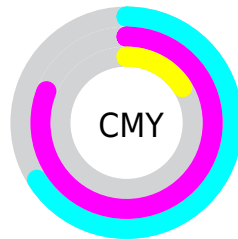
- Red (34%)
- Green (19%)
- Blue (84%)



- Red (34%)
- Yellow (19%)
- Blue (84%)



- Cyan (59%)
- Magenta (78%)
- Yellow (0%)
- Black (16%)



- Cyan (66%)
- Magenta (81%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5730D6 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 5730D6 by changing the saturation by 10% instead.

■ 5730D6

■ 5730D6

FFFFFF

■ 3315BA

■ 9663FF

■ 00009E

■ B47EFF

■ 000083

■ D399FF

■ 000069

■ F1B4FF

■ 000A4F

■ FFD0FF

■ 000537

■ FFEDFF

■ 000221

■ 000006

■ 000000

■ 5730D6

■ 5730D6

■ 471BD6

■ 6745D6

■ 3605D6

■ 785BD6

■ 3200D6

■ 8870D6

■ 9886D6

■ A99BD6

■ B9B0D6

■ CAC6D6

■ DADBD6

■ EAF1D6

Harmonies

Analogous

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



005DF6



5730D6



B80094

Triad

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



5730D6



973500



006F65

Complementary

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



5730D6



AFD630

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.



006D06



5730D6



585800

Square

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



5730D6



C20000



006700



0071B3

Rectangle

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



5730D6



CF0061



006700



006E4A

Sweetspot

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



5730D6



D2C4FF



30AFD6



645C80



000000



808080

Same Dimension

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



5730D6



4A12FF



AA30D6



63606B



2800AB



0A002B

Inverse Universe

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



D630AF



FF12C7



5CD630



6B6069



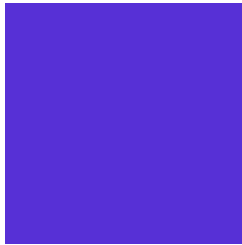
AB0083



2B0021

Previews

White Background



This preview shows how the Hex color 5730D6 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

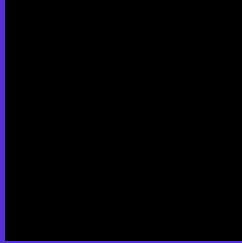
Any Text WCAG AA × Fail

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 5730D6 Background



This preview shows how black text looks on a background with the Hex color 5730D6.




This preview shows how white text looks on a background with the Hex color 5730D6.

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
235C64

Trichromacy



Original Color
5730D6



Protanomaly
2046BB



Deuteranomaly
2049AB



Tritanomaly
364C8D

Monochromacy



Original Color
5730D6



Achromatopsia
4F4F4F



Achromatomaly
524480

CSS Examples

Text

The CSS property to change the color of the text to Hex 5730D6 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 #5730D6 looks like.

```
.text, #text, p{  
    color:#5730D6  
}
```

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 #5730D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5730D6
}
```

Border

The CSS property to change the border of an element to Hex 5730D6 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".

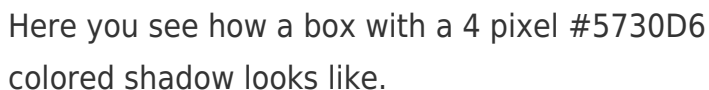
```
.border, #border, table{ border:4px solid
#5730D6 }
```

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

```
.border{ border-color:#5730D6 }
```

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

Here you see how a box with a 4 pixel #5730D6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5730D6; -webkit-box-shadow:4px 4px  
4px 4px #5730D6; box-shadow:4px 4px 4px  
4px #5730D6 }
```

Background

The CSS property to change the background color of an element to Hex 5730D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5730D6 }
```

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

```
.background{ background-color:#5730D6 }
```

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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