

Converting Colors

Hex(7153CC)

Have a look what the booklet for
Hex(7153CC) contains.

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Color

Hex(7153CC)

Conversions

Conversions Part 1

Format	Color
Hex	7153CC
RGB	113, 83, 204
RGB Percent	44%, 33%, 80%
CMY	0.5569, 0.6745, 0.2000
CMYK	0.45, 0.59, 0.00, 0.20
HSL	255°, 54%, 56%
HSV	255°, 59%, 80%
XYZ	20.8024, 14.0569, 58.7436
YIQ	105.7640, -20.9610, 43.9910

Conversions

Conversions Part 2

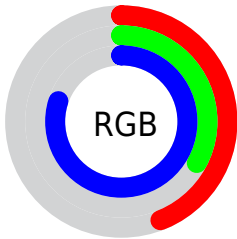
Format	Color
R _Y B	113, 83, 204
Decimal	7427020
CIE Lab	44.31, 41.34, -58.83
CIE LCh	44, 71.901, 305.101
Yxy	14.0569, 0.2222, 0.1502
Android (android.graphics.Color)	4285617100 (0xFF7153CC)
YUV	105.7640, 48.4303, 6.3460
Hunter-Lab	37.4925, 33.4274, -66.6514

Details

The Hex color **7153CC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **AECC53**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **AA86FF**, and **362495** is the 20% darker color. If you saturate the color by 10%, you get **623FCC**, and if you desaturate by 10%, it is **8067CC**.

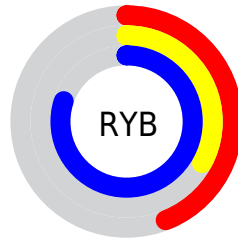
Distribution



Red (44%)

Green (33%)

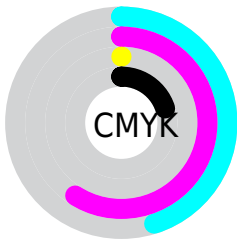
Blue (80%)



Red (44%)

Yellow (33%)

Blue (80%)

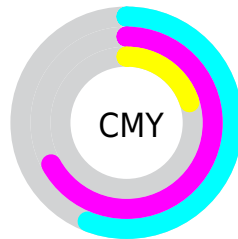


Cyan (45%)

Magenta (59%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (67%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7153CC 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 7153CC by changing the saturation by 10% instead.

7153CC

7153CC

FFFFFF

543BB0

AA86FF

362495

C7A0FF

0F0C7A

E5BCFF

000061

FFD8FF

000048

FFF4FF

000430

00011B

000000

7153CC

7153CC

623FCC

8067CC

522ACC

907CCC

4316CC

9F90CC

3401CC

AEA5CC

3300CC

BEB9CC

CDCDCC

DCE2CC

ECF6CC

FBFFCC

Harmonies

Analogous

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



006EE2



7153CC



B62B9C

Triad

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



7153CC



A65200



008272

Complementary

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



7153CC



AECC53

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.



007F32



7153CC



776A00

Square

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



7153CC



C62D27



357800



0081AD

Rectangle

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



7153CC



CA0875



357800



00815D

Sweetspot

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



7153CC



DCD1FF



53B0CC



6A6380



000000



808080

Same Dimension

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



7153CC



774AFF



AC53CC



5E5C66



2900A6



090026

Inverse Universe

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



CC53AE



FF4AD2



73CC53



665C63



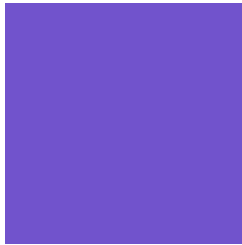
A6007D



26001D

Previews

White Background



This preview shows how the Hex color 7153CC 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

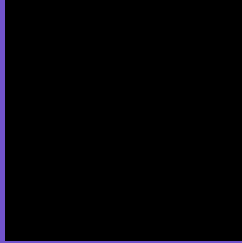
Any Text WCAG AA × Fail

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 7153CC Background



This preview shows how black text looks on a background with the Hex color 7153CC.

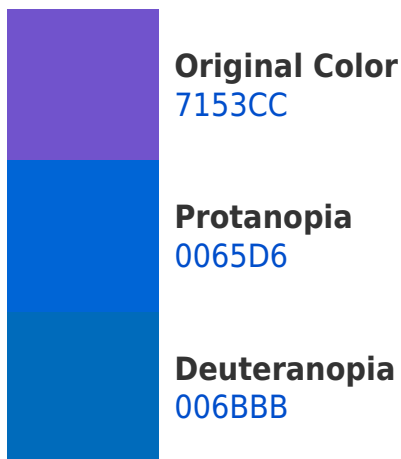


This preview shows how white text looks on a background with the Hex color 7153CC.

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](#).

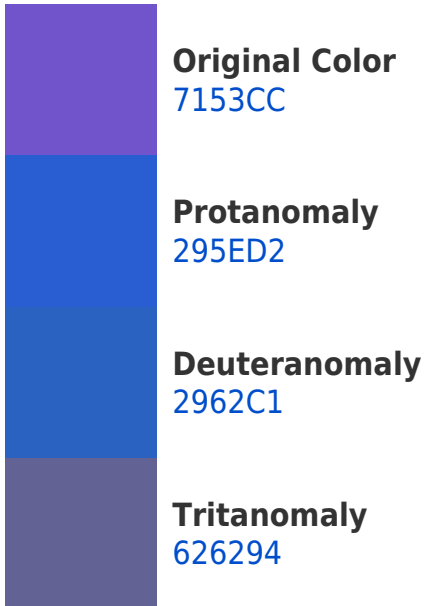
Dichromacy



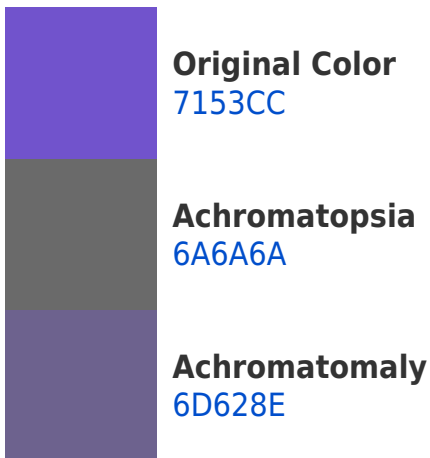


Tritanopia
5A6B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7153CC 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 #7153CC looks like.

```
.text, #text, p{  
    color:#7153CC  
}
```

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 #7153CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7153CC  
}
```

Border

The CSS property to change the border of an element to Hex 7153CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

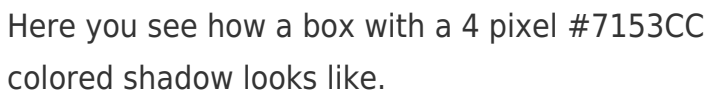
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#7153CC }
```

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

```
.border{ border-color:#7153CC }
```

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



Here you see how a box with a 4 pixel `#7153CC` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7153CC; -webkit-box-shadow:4px 4px  
4px 4px #7153CC; box-shadow:4px 4px 4px  
4px #7153CC }
```

Background

The CSS property to change the background color of an element to Hex 7153CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7153CC }
```

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

```
.background{ background-color:#7153CC }
```

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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