

Converting Colors

Hex(7234CF)

Have a look what the booklet for
Hex(7234CF) contains.

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Color

Hex(7234CF)

Conversions

Conversions Part 1

Format	Color
Hex	7234CF
RGB	114, 52, 207
RGB Percent	45%, 20%, 81%
CMY	0.5529, 0.7961, 0.1882
CMYK	0.45, 0.75, 0.00, 0.19
HSL	264°, 62%, 51%
HSV	264°, 75%, 81%
XYZ	19.4299, 10.5384, 60.0415
YIQ	88.2080, -12.8030, 61.3490

Conversions

Conversions Part 2

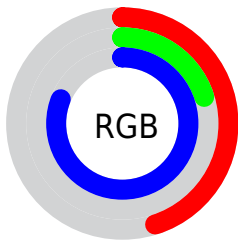
Format	Color
R_{YB}	114, 52, 207
Decimal	7484623
CIE _{Lab}	38.79, 58.37, -69.54
CIE _{LCh}	39, 90.789, 310.010
Yxy	10.5384, 0.2159, 0.1171
Android (android.graphics.Color)	4285674703 (0xFF7234CF)
YUV	88.2080, 58.5645, 22.6196
Hunter-Lab	32.4629, 50.0270, -86.9355

Details

The Hex color **7234CF** 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 **91CF34**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **AD69FF**, and **340097** is the 20% darker color. If you saturate the color by 10%, you get **661FCF**, and if you desaturate by 10%, it is **7E49CF**.

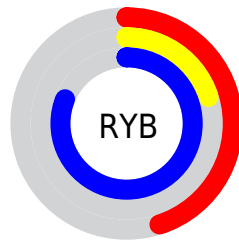
Distribution



Red (45%)

Green (20%)

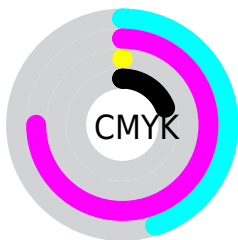
Blue (81%)



Red (45%)

Yellow (20%)

Blue (81%)

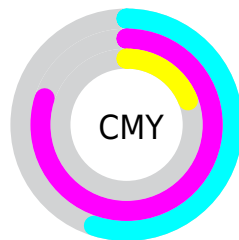


Cyan (45%)

Magenta (75%)

Yellow (0%)

Black (19%)



Cyan (55%)

Magenta (80%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7234CF 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 7234CF by changing the saturation by 10% instead.

 7234CF

 7234CF

FFFFFF

 5417B3

 AD69FF

 340097

 CB83FF

 00007D

 E99FFF

 000063

 FFBAFF

 00014A

 FFD7FF

 000432

 FFF4FF

 00021C

 000000

 7234CF

 7234CF

661FCF

7E49CF

590BCF

8B5DCF

5300CF

9772CF

A487CF

B09BCF

BDB0CF

C9C5CF

D5DACF

E2EECF

Harmonies

Analogous

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



005FF1



7234CF



BF0090

Triad

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



7234CF



974400



007673

Complementary

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



7234CF



91CF34

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.



007423



7234CF



5A6100

Square

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



7234CF



C20000



006E00



0077BB

Rectangle

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



7234CF



D2005F



006E00



00765A

Sweetspot

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



7234CF



DDC7FF



3491CF



6C5E80



000000



808080

Same Dimension

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



7234CF



7519FF



C034CF



625E69



4300A8



100029

Inverse Universe

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



CF3491



FF19A3



43CF34



695E64



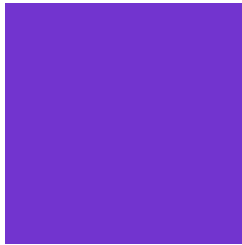
A80065



290018

Previews

White Background



This preview shows how the Hex color 7234CF looks on a white background.

Color Contrast Check

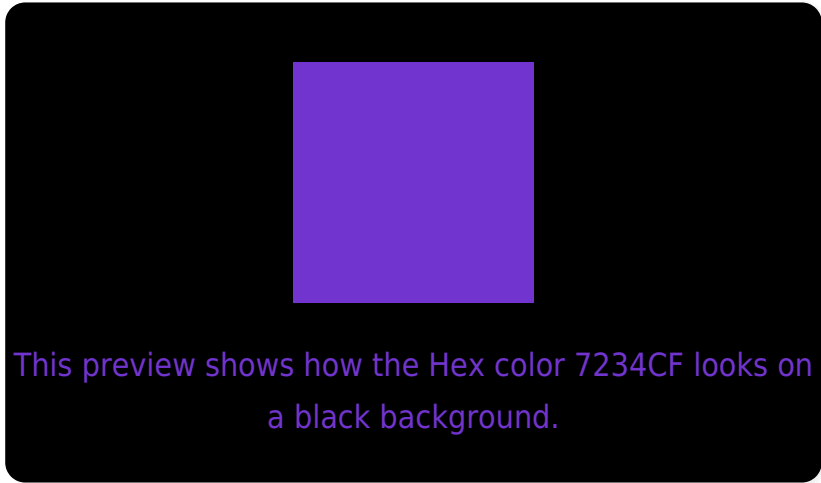
Large Text (above 18pt) WCAG AA ✓ Pass

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

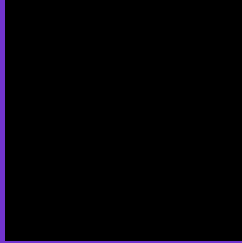
Any Text WCAG AA × Fail

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 7234CF Background



This preview shows how black text looks on a background with the Hex color 7234CF.

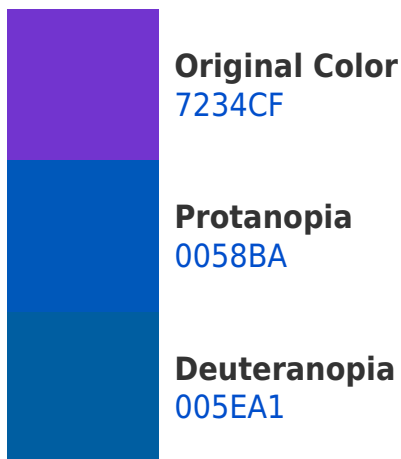



This preview shows how white text looks on a background with the Hex color 7234CF.

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](#).

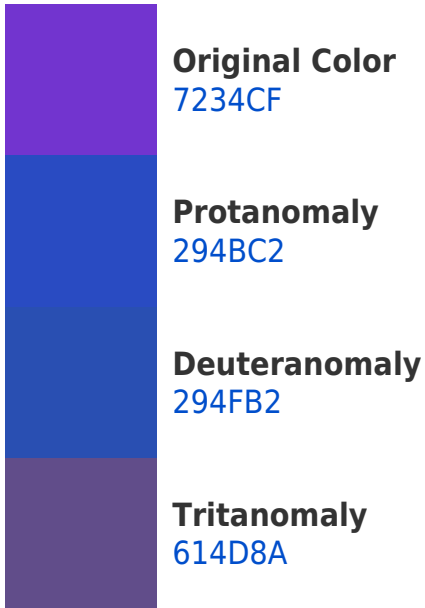
Dichromacy



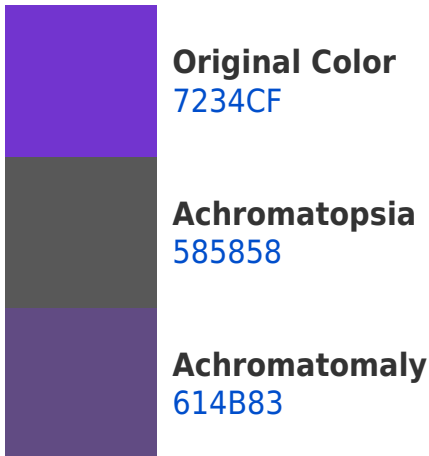


Tritanopia
575C63

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7234CF 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 #7234CF looks like.

```
.text, #text, p{  
    color:#7234CF  
}
```

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 #7234CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7234CF
}
```

Border

The CSS property to change the border of an element to Hex 7234CF 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
#7234CF }
```

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

```
.border{ border-color:#7234CF }
```

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

Here you see how a box with a 4 pixel #7234CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7234CF; -webkit-box-shadow:4px 4px  
4px 4px #7234CF; box-shadow:4px 4px 4px  
4px #7234CF }
```

Background

The CSS property to change the background color of an element to Hex 7234CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7234CF }
```

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

```
.background{ background-color:#7234CF }
```

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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