

# Converting Colors

Hex(7234C6)

Have a look what the booklet for  
Hex(7234C6) contains.

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**Color**

**Hex(7234C6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7234C6
RGB	114, 52, 198
RGB Percent	45%, 20%, 78%
CMY	0.5529, 0.7961, 0.2235
CMYK	0.42, 0.74, 0.00, 0.22
HSL	265°, 58%, 49%
HSV	265°, 74%, 78%
XYZ	18.3605, 10.1106, 54.4099
YIQ	87.1820, -9.9140, 58.5500

# Conversions

## Conversions Part 2

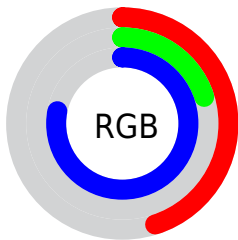
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	114, 52, 198
Decimal	7484614
CIE <sub>Lab</sub>	38.04, 56.10, -65.54
CIE <sub>LCh</sub>	38, 86.271, 310.566
Yxy	10.1106, 0.2215, 0.1220
Android (android.graphics.Color)	4285674694 (0xFF7234C6)
YUV	87.1820, 54.6333, 23.5194
Hunter-Lab	31.7972, 47.4252, -79.1964

# Details

The Hex color **7234C6** 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 **88C634**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **AC68FF**, and **36008F** is the 20% darker color. If you saturate the color by 10%, you get **6720C6**, and if you desaturate by 10%, it is **7D48C6**.

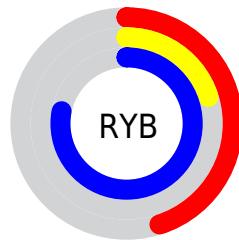
# Distribution



Red (45%)

Green (20%)

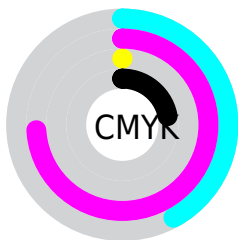
Blue (78%)



Red (45%)

Yellow (20%)

Blue (78%)

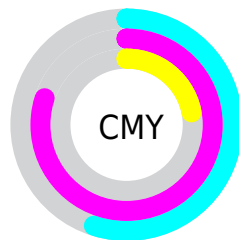


Cyan (42%)

Magenta (74%)

Yellow (0%)

Black (22%)



Cyan (55%)

Magenta (80%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7234C6 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 7234C6 by changing the saturation by 10% instead.



 7234C6

 7234C6

FFFFFF

 5518AA

 AC68FF

 36008F

 C983FF

 0C0074

 E79EFF

 00005B

 FFBAFF

 000442

 FFD6FF

 00032B

 FFF3FF

 000115

 000000

 7234C6

 7234C6

6720C6

7D48C6

5B0CC6

895CC6

5400C6

946FC6

A083C6

AB97C6

B6ABC6

C2BFC6

CDD2C6

D9E6C6

# Harmonies

## Analogous

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



005CE7



7234C6



B9008A

# Triad

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



7234C6



924400



007372

# Complementary

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



7234C6



88C634

# 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.



007126



7234C6



585F00

# Square

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



7234C6



BB0000



006C00



0074B5

# Rectangle

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



7234C6



CA005C



006C00



007359



# Sweetspot

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



7234C6



DFC7FF



3489C6



6C5E80



000000



808080



# Same Dimension

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



7234C6



7E1FFF



BA34C6



5E5A63



4500A3



0F0024



# Inverse Universe

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



C63488



FF1FA0



40C634



635A5F



A3005E



240015



# Previews

## White Background



This preview shows how the Hex color 7234C6 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

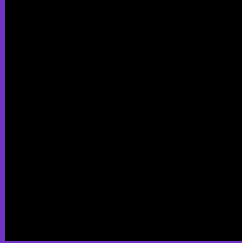
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7234C6 Background



This preview shows how black text looks on a background with the Hex color 7234C6.




This preview shows how white text looks on a background with the Hex color 7234C6.

# 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**  
5A5960

# Trichromacy



**Original Color**  
7234C6



**Protanomaly**  
294ABC



**Deuteranomaly**  
294DAD



**Tritanomaly**  
634C85

# Monochromacy



**Original Color**  
7234C6



**Achromatopsia**  
575757



**Achromatomaly**  
614A7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7234C6 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 #7234C6 looks like.

```
.text, #text, p{  
    color:#7234C6  
}
```

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 #7234C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7234C6
}
```

## Border

The CSS property to change the border of an element to Hex 7234C6 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
#7234C6 }
```

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

```
.border{ border-color:#7234C6 }
```

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

Here you see how a box with a 4 pixel #7234C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7234C6; -webkit-box-shadow:4px 4px  
4px 4px #7234C6; box-shadow:4px 4px 4px  
4px #7234C6 }
```

# Background

The CSS property to change the background color of an element to Hex 7234C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7234C6 }
```

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

```
.background{ background-color:#7234C6 }
```

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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