

# Converting Colors

Hex(7255C2)

Have a look what the booklet for  
Hex(7255C2) contains.

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# Color

Hex(7255C2)

# Conversions

## Conversions Part 1

Format	Color
Hex	7255C2
RGB	114, 85, 194
RGB Percent	45%, 33%, 76%
CMY	0.5529, 0.6667, 0.2392
CMYK	0.41, 0.56, 0.00, 0.24
HSL	256°, 47%, 55%
HSV	256°, 56%, 76%
XYZ	19.9255, 13.9694, 52.6851
YIQ	106.0970, -17.7050, 40.0470

# Conversions

## Conversions Part 2

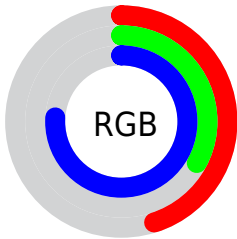
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">114, 85, 194</a>
Decimal	<a href="#">7493058</a>
CIELab	<a href="#">44.19, 37.59, -53.24</a>
CIELCh	<a href="#">44, 65.173, 305.224</a>
Yxy	<a href="#">13.9694, 0.2301, 0.1613</a>
Android (android.graphics.Color)	<a href="#">4285683138</a> ( <a href="#">0xFF7255C2</a> )
YUV	<a href="#">106.0970, 43.3362, 6.9309</a>
Hunter-Lab	<a href="#">37.3757, 29.7534, -57.4126</a>

# Details

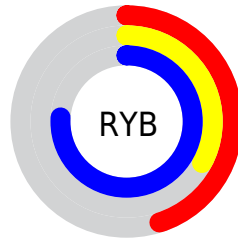
The Hex color **7255C2** is a dark color, and the websafe version is hex **6666CC**. The color can be described as middle muted purple. A complement of this color would be **A5C255**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **AA88FB**, and **3A268B** is the 20% darker color. If you saturate the color by 10%, you get **6442C2**, and if you desaturate by 10%, it is **8068C2**.

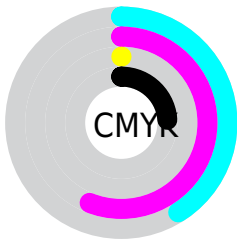
# Distribution



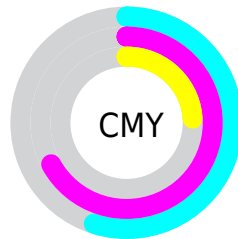
- Red (45%)
- Green (33%)
- Blue (76%)



- Red (45%)
- Yellow (33%)
- Blue (76%)



- Cyan (41%)
- Magenta (56%)
- Yellow (0%)
- Black (24%)



- Cyan (55%)
- Magenta (67%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7255C2 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 7255C2 by changing the saturation by 10% instead.



 7255C2

 7255C2

FFFFFF

 563DA6


 AA88FB

 3A268B

 C7A2FF

 190F71

 E4BDFF

 000058

 FFD9FF

 000040

 FFF6FF

 000329

 000113

 000000

 7255C2

 7255C2

6442C2

8068C2

562EC2

8E7CC2

471BC2

9D8FC2

3907C2

ABA3C2

3400C2

B9B6C2

C7C9C2

D6DDC2

E4F0C2

F2FFC2

# Harmonies

## Analogous

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



006DD6



7255C2



AF3697

# Triad

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



7255C2



A25400



008071

# Complementary

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



7255C2



A5C255

# 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.



007D38



7255C2



766900

# Square

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



7255C2



BF372D



3C7600



007FA6

# Rectangle

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



7255C2



C22474



3C7600



007F5E



# Sweetspot

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



7255C2



DDD2FC



55A7C2



6D6680



000000



808080



# Same Dimension

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



7255C2



8053FC



A755C2



5A5761



2B00A1



090021



# Inverse Universe

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



C255A5



FC53CF



70C255



61575E



A10076

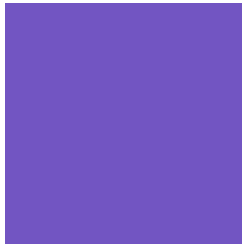


210018



# Previews

## White Background



This preview shows how the Hex color 7255C2 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

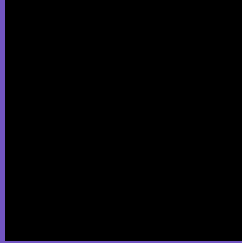
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7255C2 Background



This preview shows how black text looks on a background with the Hex color 7255C2.

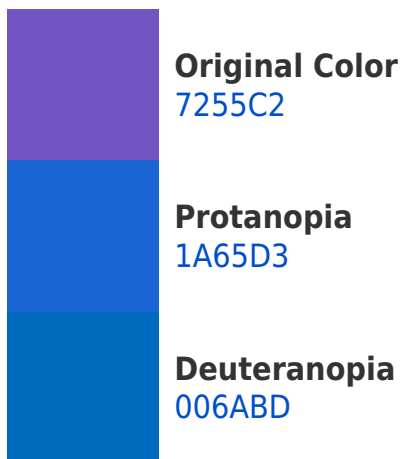


This preview shows how white text looks on a background with the Hex color 7255C2.

# 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](#).

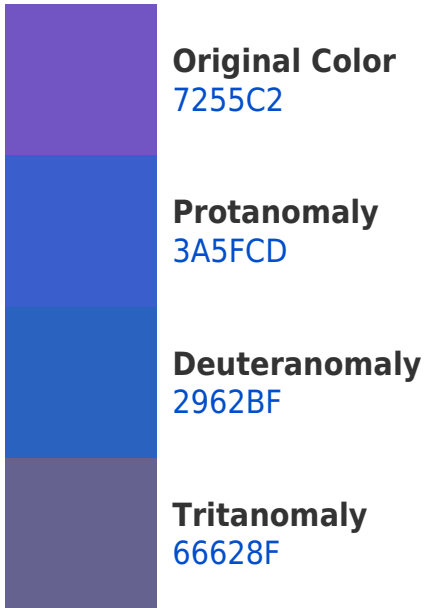
## Dichromacy



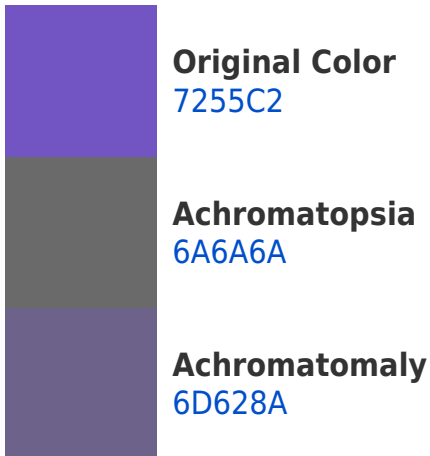


**Tritanopia**  
5F6A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7255C2 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 #7255C2 looks like.

```
.text, #text, p{  
    color:#7255C2  
}
```

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 #7255C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7255C2
}
```

## Border

The CSS property to change the border of an element to Hex 7255C2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

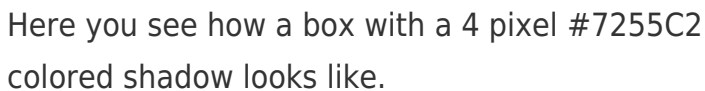
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7255C2 }
```

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

```
.border{ border-color:#7255C2 }
```

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



Here you see how a box with a 4 pixel `#7255C2` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7255C2; -webkit-box-shadow:4px 4px  
4px 4px #7255C2; box-shadow:4px 4px 4px  
4px #7255C2 }
```

# Background

The CSS property to change the background color of an element to Hex 7255C2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7255C2 }
```

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

```
.background{ background-color:#7255C2 }
```

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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