

# Converting Colors

Hex(7265E1)

Have a look what the booklet for  
Hex(7265E1) contains.

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# Color

**Hex(7265E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7265E1
RGB	114, 101, 225
RGB Percent	45%, 40%, 88%
CMY	0.5529, 0.6039, 0.1176
CMYK	0.49, 0.55, 0.00, 0.12
HSL	246°, 67%, 64%
HSV	246°, 55%, 88%
XYZ	25.1837, 18.3210, 73.4431
YIQ	119.0230, -32.0560, 41.3200

# Conversions

## Conversions Part 2

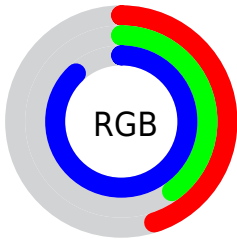
<b>Format</b>	<b>Color</b>
<b>RYB</b>	114, 101, 225
Decimal	7497185
CIELab	49.88, 37.16, -61.81
CIELCh	50, 72.119, 301.017
Yxy	18.3210, 0.2153, 0.1567
Android (android.graphics.Color)	4285687265 (0xFF7265E1)
YUV	119.0230, 52.2467, -4.4052
Hunter-Lab	42.8031, 30.1174, -71.7700

# Details

The Hex color **7265E1** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **D4E165**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **AC98FF**, and **3436A9** is the 20% darker color. If you saturate the color by 10%, you get **5E4EE1**, and if you desaturate by 10%, it is **867BE1**.

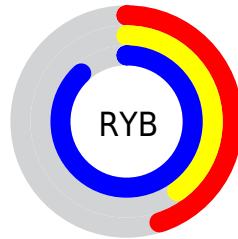
# Distribution



Red (45%)

Green (40%)

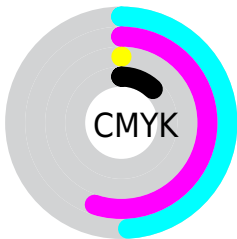
Blue (88%)



Red (45%)

Yellow (40%)

Blue (88%)

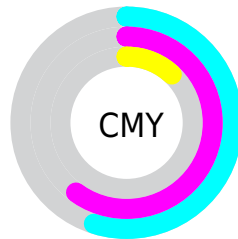


Cyan (49%)

Magenta (55%)

Yellow (0%)

Black (12%)



Cyan (55%)

Magenta (60%)

Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7265E1 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 7265E1 by changing the saturation by 10% instead.



 7265E1

 7265E1

FFFFFF

 544DC5

 AC98FF

 3436A9

 CAB3FF

 00208E

 E8CFFF

 000B73

 FFEBFF

 00005A

 000741

 00032A

 000115

 000000

■ 7265E1

■ 7265E1

■ 5E4EE1

■ 867BE1

■ 4A38E1

■ 9A92E1

■ 3621E1

■ AEA9E1

■ 210BE1

■ C3BFE1

■ 1800E1

■ D7D6E1

■ EBCE1

■ FFFE1

# Harmonies

## Analogous

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



007EF3



7265E1



C042B3

# Triad

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



7265E1



BD5B00



009177

# Complementary

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



7265E1



D4E165

# 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.



008D36



7265E1



8E7500

# Square

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



7265E1



DB393B



508500



0091B5

# Rectangle

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



7265E1



D92B8C



508500



009062



# Sweetspot

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



7265E1



D8D4FF



65D5E1



696680



000000



808080



# Same Dimension

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



7265E1



6857FF



AF65E1



666570



1200B0



050030



# Inverse Universe

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



E165D4



FF57ED



97E165



70656F



B0009E

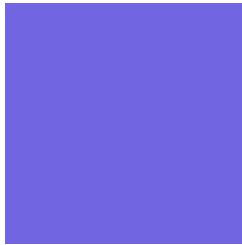


30002B



# Previews

## White Background



This preview shows how the Hex color 7265E1 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 ✓ Pass

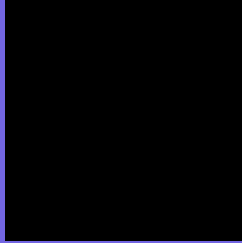
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7265E1 Background



This preview shows how black text looks on a background with the Hex color 7265E1.

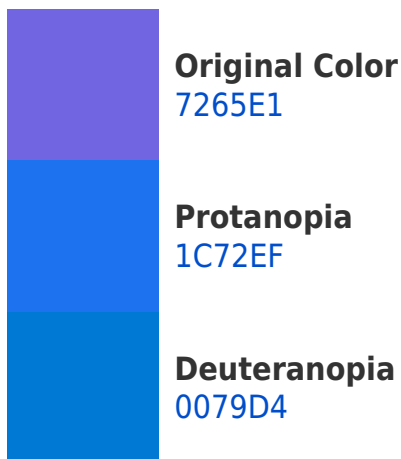


This preview shows how white text looks on a background with the Hex color 7265E1.

# 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](#).

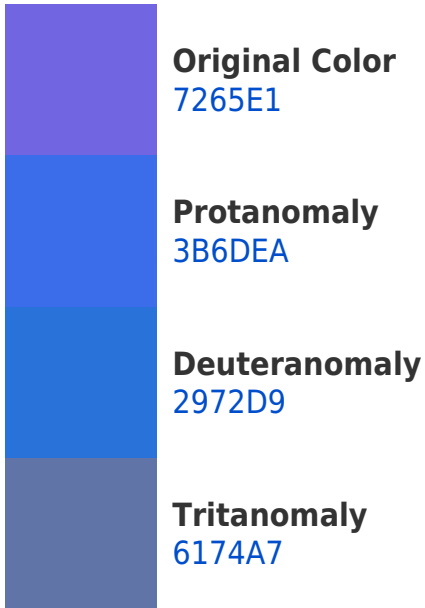
## Dichromacy





**Tritanopia**  
577C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7265E1 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 #7265E1 looks like.

```
.text, #text, p{  
    color:#7265E1  
}
```

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 #7265E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7265E1
}
```

## Border

The CSS property to change the border of an element to Hex 7265E1 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
#7265E1 }
```

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

```
.border{ border-color:#7265E1 }
```

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

Here you see how a box with a 4 pixel #7265E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7265E1; -webkit-box-shadow:4px 4px  
4px 4px #7265E1; box-shadow:4px 4px 4px  
4px #7265E1 }
```

# Background

The CSS property to change the background color of an element to Hex 7265E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7265E1 }
```

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

```
.background{ background-color:#7265E1 }
```

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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