

# Converting Colors

Hex(7361E2)

Have a look what the booklet for  
Hex(7361E2) contains.

<b>Hex(7361E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(7361E2)

# Conversions

## Conversions Part 1

Format	Color
Hex	7361E2
RGB	115, 97, 226
RGB Percent	45%, 38%, 89%
CMY	0.5490, 0.6196, 0.1137
CMYK	0.49, 0.57, 0.00, 0.11
HSL	248°, 69%, 63%
HSV	248°, 57%, 89%
XYZ	25.0724, 17.6852, 74.0436
YIQ	117.0880, -30.6810, 43.9350

# Conversions

## Conversions Part 2

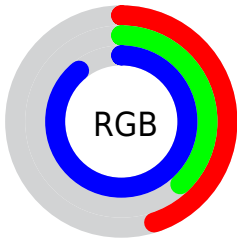
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	115, 97, 226
Decimal	7561698
CIE <sub>Lab</sub>	49.11, 40.01, -63.61
CIE <sub>LCh</sub>	49, 75.151, 302.170
Yxy	17.6852, 0.2147, 0.1514
Android (android.graphics.Color)	4285751778 (0xFF7361E2)
YUV	117.0880, 53.6936, -1.8312
Hunter-Lab	42.0538, 32.8272, -74.9536

# Details

The Hex color **7361E2** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **D0E261**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **AE94FF**, and **3532AA** is the 20% darker color. If you saturate the color by 10%, you get **604AE2**, and if you desaturate by 10%, it is **8678E2**.

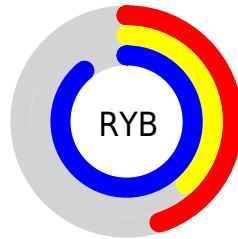
# Distribution



Red (45%)

Green (38%)

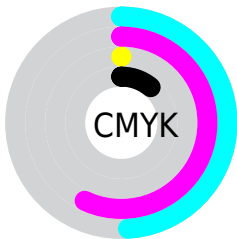
Blue (89%)



Red (45%)

Yellow (38%)

Blue (89%)

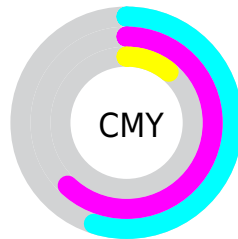


Cyan (49%)

Magenta (57%)

Yellow (0%)

Black (11%)



Cyan (55%)

Magenta (62%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7361E2 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 7361E2 by changing the saturation by 10% instead.



■ 7361E2

■ 7361E2

FFFFFF

■ 5549C5

■ AE94FF

■ 3532AA

■ CBAFFF

■ 011B8F

■ E9CBFF

■ 000674

■ FFE7FF

■ 00005B

■ 000742

■ 00032B

■ 000115

■ 000000

 7361E2

 7361E2

 604AE2

 8678E2

 4C34E2

 9A8EE2

 391DE2

 ADA5E2

 2507E2

 C1BBE2

 2000E2

 D4D2E2

 E8E9E2

 FBFFE2

 FFFFE2

# Harmonies

## Analogous

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



007CF6



7361E2



C23AB1

# Triad

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



7361E2



BB5900



008F78

# Complementary

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



7361E2



D0E261

# 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.



008C34



7361E2



8A7400

# Square

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



7361E2



DB3335



478400



008FB7

# Rectangle

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



7361E2



DB1D88



478400



008F61



# Sweetspot

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



7361E2



DAD4FF



61D1E2



6A6680



000000



808080



# Same Dimension

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



7361E2



6A52FF



B361E2



676570



1900B0



070030



# Inverse Universe

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



E261D0



FF52E7



90E261



70656F



B00097

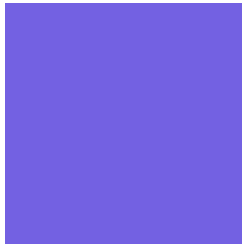


30002A



# Previews

## White Background



This preview shows how the Hex color 7361E2 looks on a white background.

## Color Contrast Check

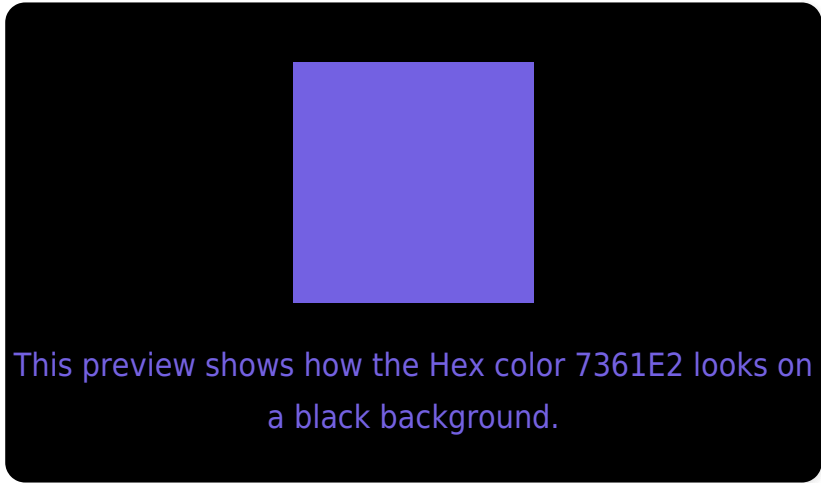
Large Text (above 18pt) WCAG AA ✓ Pass

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

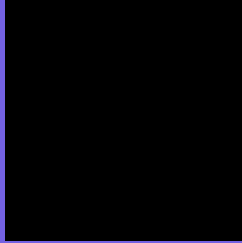
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7361E2 Background



This preview shows how black text looks on a background with the Hex color 7361E2.




This preview shows how white text looks on a background with the Hex color 7361E2.

# 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](#).

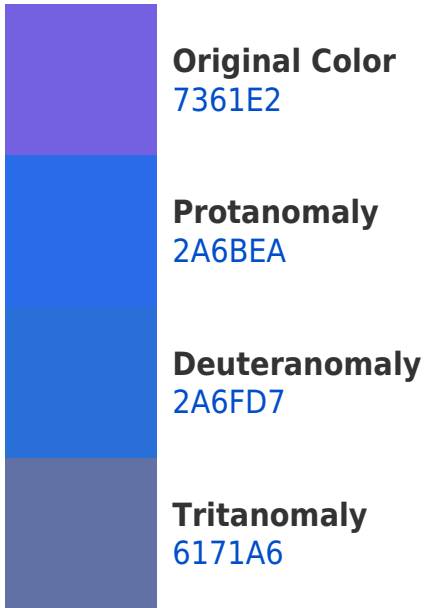
## Dichromacy



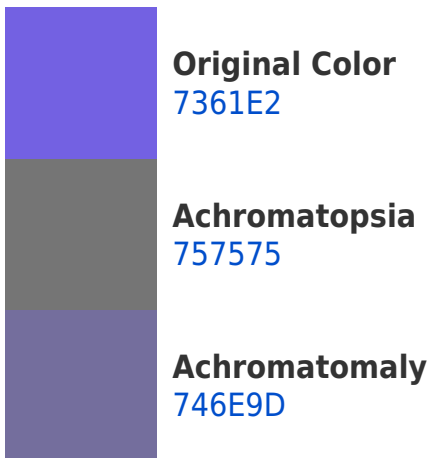


**Tritanopia**  
577A84

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7361E2 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 #7361E2 looks like.

```
.text, #text, p{  
    color:#7361E2  
}
```

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 #7361E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7361E2
}
```

## Border

The CSS property to change the border of an element to Hex 7361E2 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
#7361E2 }
```

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

```
.border{ border-color:#7361E2 }
```

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

Here you see how a box with a 4 pixel #7361E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7361E2; -webkit-box-shadow:4px 4px  
4px 4px #7361E2; box-shadow:4px 4px 4px  
4px #7361E2 }
```

# Background

The CSS property to change the background color of an element to Hex 7361E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7361E2 }
```

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

```
.background{ background-color:#7361E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor