

# Converting Colors

Hex(7156E7)

Have a look what the booklet for  
Hex(7156E7) contains.

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**Color**

**Hex(7156E7)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 7156E7                      |
| RGB         | 113, 86, 231                |
| RGB Percent | 44%, 34%, 91%               |
| CMY         | 0.5569, 0.6627, 0.0941      |
| CMYK        | 0.51, 0.63, 0.00, 0.09      |
| HSL         | 251°, 75%, 62%              |
| HSV         | 251°, 63%, 91%              |
| XYZ         | 24.5616, 15.9358, 77.3827   |
| YIQ         | 110.6030, -30.4530, 50.8190 |

# Conversions

## Conversions Part 2

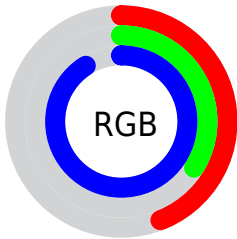
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 113, 86, 231                  |
| Decimal                             | 7427815                       |
| CIE <sub>Lab</sub>                  | 46.89, 47.40, -70.05          |
| CIE <sub>LCh</sub>                  | 47, 84.578, 304.083           |
| Yxy                                 | 15.9358, 0.2084,<br>0.1352    |
| Android<br>(android.graphics.Color) | 4285617895<br>(0xFF7156E7)    |
| <b>YUV</b>                          | 110.6030, 59.3557,<br>2.1022  |
| Hunter-Lab                          | 39.9197, 39.9674,<br>-86.9875 |

# Details

The Hex color **7156E7** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **CCE756**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **AD89FF**, and **2F26AE** is the 20% darker color. If you saturate the color by 10%, you get **5E3FE7**, and if you desaturate by 10%, it is **846DE7**.

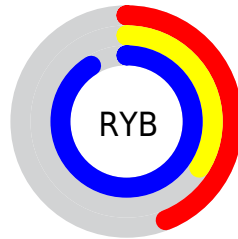
# Distribution



Red (44%)

Green (34%)

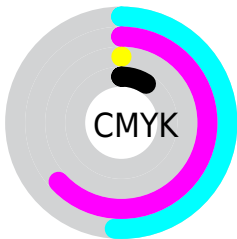
Blue (91%)



Red (44%)

Yellow (34%)

Blue (91%)

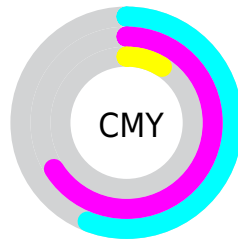


Cyan (51%)

Magenta (63%)

Yellow (0%)

Black (9%)



Cyan (56%)

Magenta (66%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7156E7 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 7156E7 by changing the saturation by 10% instead.



 7156E7

 7156E7

FFFFFF

 523ECA

 AD89FF

 2F26AE

 CBA4FF

 000E93

 E9BFFF

 000078

 FFDBFF

 00005F

 FFF8FF

 000846

 00042E

 000119

 000000

■ 7156E7

■ 7156E7

■ 5E3FE7

■ 846DE7

■ 4B28E7

■ 9784E7

■ 3911E7

■ A99BE7

■ 2B00E7

■ BCB2E7

■ CFCAE7

■ E2E1E7

■ F5F8E7

■ FFFFE7

# Harmonies

## Analogous

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



0076FF



7156E7



C816AF

# Triad

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



7156E7



B75200



008B77

# Complementary

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



7156E7



CCE756

# 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.



00882A



7156E7



7F7000

# Square

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



7156E7



DC1523



2E8000



008CBE

# Rectangle

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



7156E7



E10081



2E8000



008B5E



# Sweetspot

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



7156E7



D8CFFF



56CCE7



686280



000000



808080



# Same Dimension

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



7156E7



6340FF



B956E7



696773



2100B3



090033



# Inverse Universe

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



E756CC



FF40DB



84E756



736771



B30091



33002A



# Previews

## White Background



This preview shows how the Hex color 7156E7 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 7156E7 Background



This preview shows how black text looks on a background with the Hex color 7156E7.

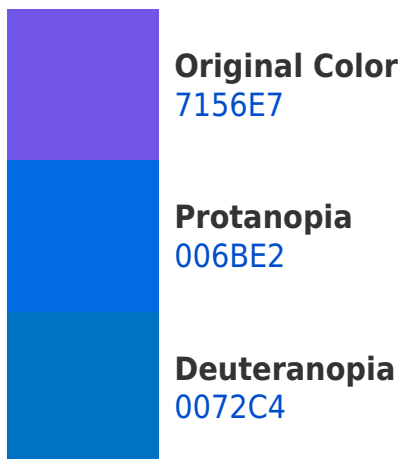


This preview shows how white text looks on a background with the Hex color 7156E7.

# 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](#).

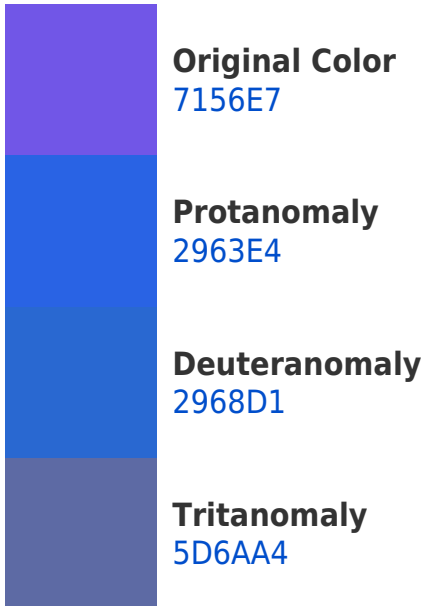
## Dichromacy



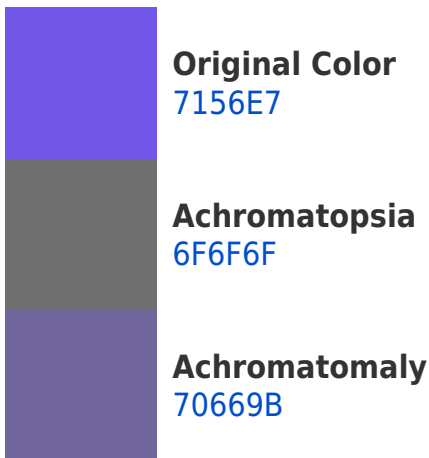


**Tritanopia**  
51757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7156E7 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 #7156E7 looks like.

```
.text, #text, p{  
    color:#7156E7  
}
```

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 #7156E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7156E7
}
```

## Border

The CSS property to change the border of an element to Hex 7156E7 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".

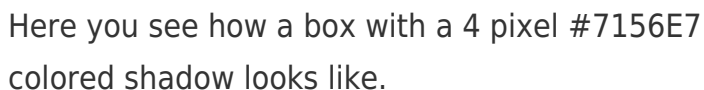
```
.border, #border, table{ border:4px solid
#7156E7 }
```

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

```
.border{ border-color:#7156E7 }
```

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

Here you see how a box with a 4 pixel #7156E7 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #7156E7 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7156E7; -webkit-box-shadow:4px 4px  
4px 4px #7156E7; box-shadow:4px 4px 4px  
4px #7156E7 }
```

# Background

The CSS property to change the background color of an element to Hex 7156E7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7156E7 }
```

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

```
.background{ background-color:#7156E7 }
```

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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