

Converting Colors

Hex(7158ED)

Have a look what the booklet for
Hex(7158ED) contains.

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Color

Hex(7158ED)

Conversions

Conversions Part 1

Format	Color
Hex	7158ED
RGB	113, 88, 237
RGB Percent	44%, 35%, 93%
CMY	0.5569, 0.6549, 0.0706
CMYK	0.52, 0.63, 0.00, 0.07
HSL	250°, 81%, 64%
HSV	250°, 63%, 93%
XYZ	25.5858, 16.6046, 81.9772
YIQ	112.4610, -32.9290, 51.6390

Conversions

Conversions Part 2

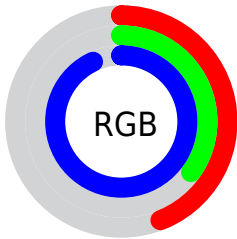
Format	Color
R _Y B	113, 88, 237
Decimal	7428333
CIE Lab	47.76, 48.02, -72.02
CIE LCh	48, 86.561, 303.697
Yxy	16.6046, 0.2061, 0.1337
Android (android.graphics.Color)	4285618413 (0xFF7158ED)
YUV	112.4610, 61.3977, 0.4727
Hunter-Lab	40.7487, 40.7686, -90.7540

Details

The Hex color **7158ED** 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 **D4ED58**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AD8BFF**, and **2D28B4** is the 20% darker color. If you saturate the color by 10%, you get **5D40ED**, and if you desaturate by 10%, it is **8570ED**.

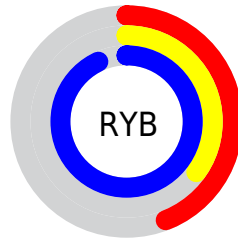
Distribution



Red (44%)

Green (35%)

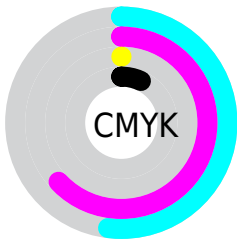
Blue (93%)



Red (44%)

Yellow (35%)

Blue (93%)

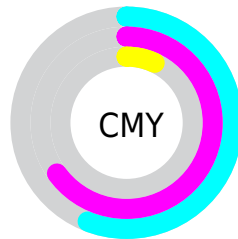


Cyan (52%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (56%)


Magenta (65%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Hex color 7158ED 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 7158ED by changing the saturation by 10% instead.

 7158ED

 7158ED

FFFFFF

 5140D0

 AD8BFF

 2D28B4

 CBA6FF

 001098

 EAC2FF

 00007E

 FFDEFF

 000064

 FFFBFF

 00094B

 000433

 00021D

 000000

 7158ED

 7158ED

 5D40ED

 8570ED

 4A29ED

 9887ED

 3611ED

 AC9FED

 2800ED

 C0B7ED

 D4CEED

 E7E6ED

 FBFEED

 FFFFED

Harmonies

Analogous

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



0079FF



7158ED



CC15B4

Triad

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



7158ED



BC5200



008E79

Complementary

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



7158ED



D4ED58

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.



008B29



7158ED



837200

Square

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



7158ED



E21124



2F8300



008EC2

Rectangle

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



7158ED



E50084



2F8300



008D5F

Sweetspot

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



7158ED



D7CFFF



58D4ED



676280



000000



808080

Same Dimension

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



7158ED



6040FF



BB58ED



6C6A75



1E00B5



090036

Inverse Universe

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



ED58D4



FF40DF



8AED58



756A73



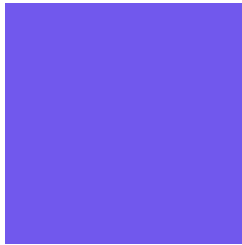
B50097



36002D

Previews

White Background



This preview shows how the Hex color 7158ED 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

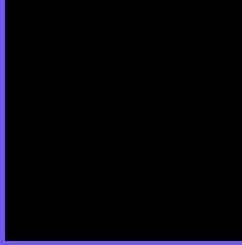
Any Text WCAG AA × Fail

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 7158ED Background



This preview shows how black text looks on a background with the Hex color 7158ED.

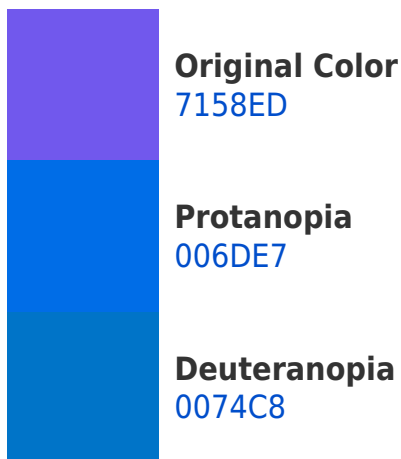


This preview shows how white text looks on a background with the Hex color 7158ED.

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](#).

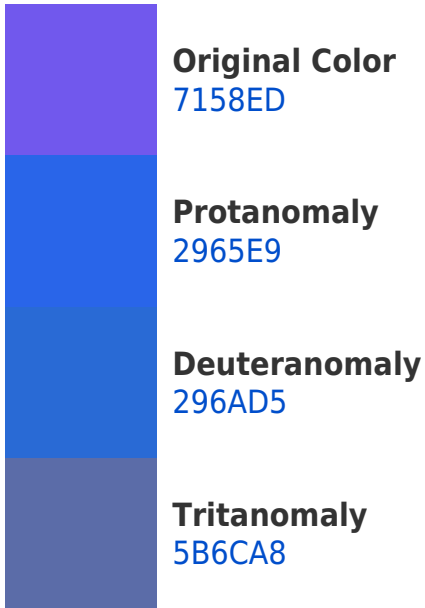
Dichromacy





Tritanopia
4E7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7158ED 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 #7158ED looks like.

```
.text, #text, p{  
    color:#7158ED  
}
```

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 #7158ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7158ED
}
```

Border

The CSS property to change the border of an element to Hex 7158ED 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
#7158ED }
```

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

```
.border{ border-color:#7158ED }
```

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

Here you see how a box with a 4 pixel #7158ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7158ED; -webkit-box-shadow:4px 4px  
4px 4px #7158ED; box-shadow:4px 4px 4px  
4px #7158ED }
```

Background

The CSS property to change the background color of an element to Hex 7158ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7158ED }
```

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

```
.background{ background-color:#7158ED }
```

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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