

Converting Colors

Hex(7357EC)

Have a look what the booklet for
Hex(7357EC) contains.

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Color

Hex(7357EC)

Conversions

Conversions Part 1

Format	Color
Hex	7357EC
RGB	115, 87, 236
RGB Percent	45%, 34%, 93%
CMY	0.5490, 0.6588, 0.0745
CMYK	0.51, 0.63, 0.00, 0.07
HSL	251°, 80%, 63%
HSV	251°, 63%, 93%
XYZ	25.6187, 16.5174, 81.1948
YIQ	112.3580, -31.1410, 52.2750

Conversions

Conversions Part 2

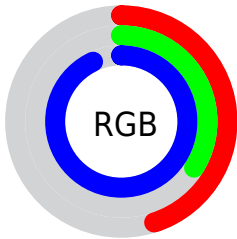
Format	Color
R _{YB}	115, 87, 236
Decimal	7559148
CIE Lab	47.65, 48.64, -71.63
CIE LCh	48, 86.586, 304.181
Yxy	16.5174, 0.2077, 0.1339
Android (android.graphics.Color)	4285749228 (0xFF7357EC)
YUV	112.3580, 60.9555, 2.3170
Hunter-Lab	40.6416, 41.3963, -90.0021

Details

The Hex color **7357EC** 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 **D0EC57**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **AF8AFF**, and **3127B3** is the 20% darker color. If you saturate the color by 10%, you get **603FEC**, and if you desaturate by 10%, it is **866FEC**.

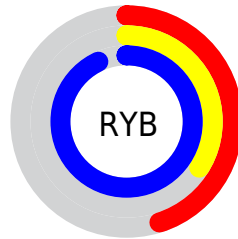
Distribution



Red (45%)

Green (34%)

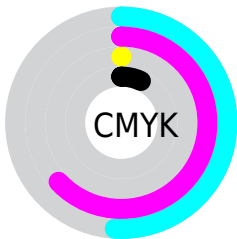
Blue (93%)



Red (45%)

Yellow (34%)

Blue (93%)

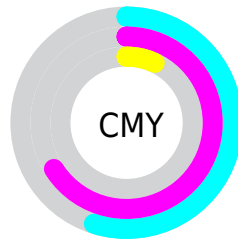


Cyan (51%)

Magenta (63%)

Yellow (0%)

Black (7%)



Cyan (55%)

Magenta (66%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7357EC 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 7357EC by changing the saturation by 10% instead.

 7357EC

 7357EC

FFFFFF

 543FCF

 AF8AFF

 3127B3

 CDA5FF

 000E97

 EBC1FF

 00007D

 FFDDFF

 000063

 FFFAFF

 00094A

 000432

 00021C

 000000

■ 7357EC

■ 7357EC

■ 603FEC

■ 866FEC

■ 4D28EC

■ 9986EC

■ 3A10EC

■ AC9EEC

■ 2C00EC

■ C0B5EC

■ D3CDEC

■ E6E5EC

■ F9FCEC

■ FFFFEC

Harmonies

Analogous

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



0079FF



7357EC



CC12B2

Triad

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



7357EC



BA5300



008E7A

Complementary

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



7357EC



D0EC57

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.



008A2A



7357EC



817200

Square

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



7357EC



E11223



2C8300



008EC2

Rectangle

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



7357EC



E50083



2C8300



008D60

Sweetspot

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



7357EC



D8CFFF



57D1EC



686280



000000



808080

Same Dimension

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



7357EC



623DFF



BD57EC



6C6A75



2200B5



0A0036

Inverse Universe

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



EC57D0



FF3DDB



86EC57



756A73



B50093



36002B

Previews

White Background



This preview shows how the Hex color 7357EC 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

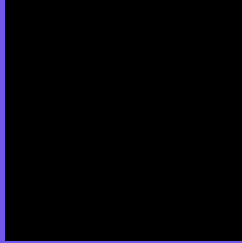
Any Text WCAG AA × Fail

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 7357EC Background



This preview shows how black text looks on a background with the Hex color 7357EC.



This preview shows how white text looks on a background with the Hex color 7357EC.

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](#).

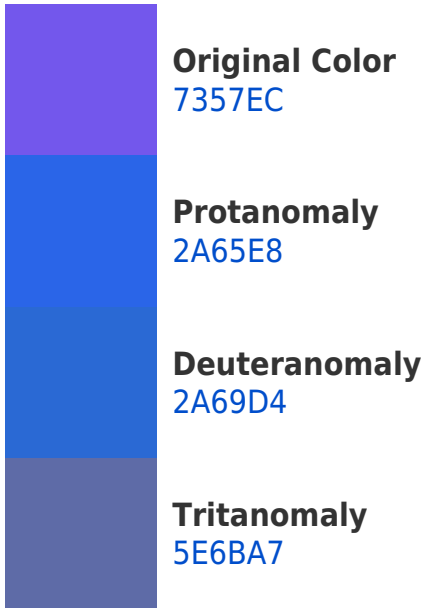
Dichromacy



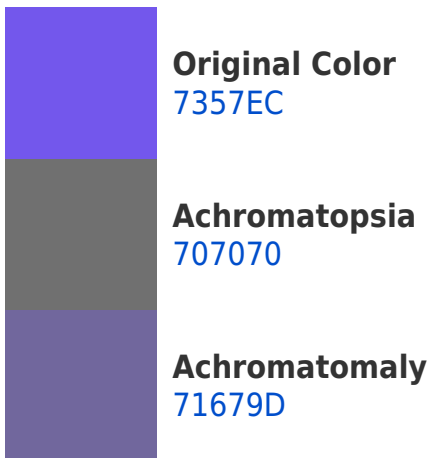


Tritanopia
527780

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7357EC 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 #7357EC looks like.

```
.text, #text, p{  
    color:#7357EC  
}
```

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 #7357EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7357EC
}
```

Border

The CSS property to change the border of an element to Hex 7357EC is called "border". The border property can be set on classes, ids or directly on the HTML element.

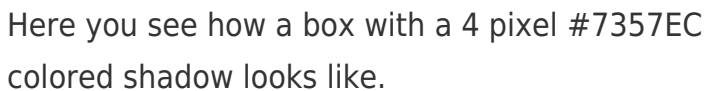
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7357EC }
```

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

```
.border{ border-color:#7357EC }
```

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



Here you see how a box with a 4 pixel #7357EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7357EC; -webkit-box-shadow:4px 4px  
4px 4px #7357EC; box-shadow:4px 4px 4px  
4px #7357EC }
```

Background

The CSS property to change the background color of an element to Hex 7357EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7357EC }
```

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

```
.background{ background-color:#7357EC }
```

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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