

# Converting Colors

Hex(7D55EC)

Have a look what the booklet for  
Hex(7D55EC) contains.

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**Color**

**Hex(7D55EC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7D55EC
RGB	125, 85, 236
RGB Percent	49%, 33%, 93%
CMY	0.5098, 0.6667, 0.0745
CMYK	0.47, 0.64, 0.00, 0.07
HSL	256°, 80%, 63%
HSV	256°, 64%, 93%
XYZ	26.8463, 16.9131, 81.2065
YIQ	114.1740, -24.6310, 55.4410

# Conversions

## Conversions Part 2

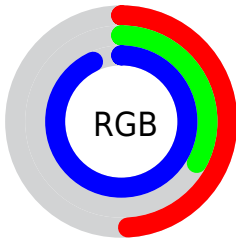
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	125, 85, 236
Decimal	8213996
CIE Lab	48.15, 51.55, -70.77
CIE LCh	48, 87.553, 306.070
Yxy	16.9131, 0.2148, 0.1353
Android (android.graphics.Color)	4286404076 (0xFF7D55EC)
YUV	114.1740, 60.0602, 9.4944
Hunter-Lab	41.1255, 44.5530, -88.2861

# Details

The Hex color **7D55EC** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **C4EC55**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **B989FF**, and **3E23B3** is the 20% darker color. If you saturate the color by 10%, you get **6C3DEC**, and if you desaturate by 10%, it is **8E6DEC**.

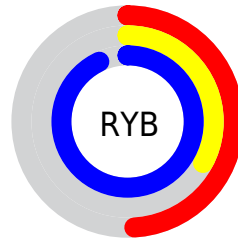
# Distribution



Red (49%)

Green (33%)

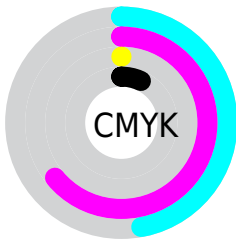
Blue (93%)



Red (49%)

Yellow (33%)

Blue (93%)

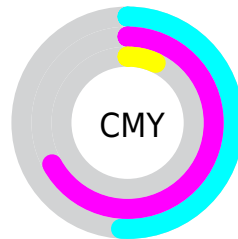


Cyan (47%)

Magenta (64%)

Yellow (0%)

Black (7%)



Cyan (51%)

Magenta (67%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7D55EC 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 7D55EC by changing the saturation by 10% instead.



 7D55EC

 7D55EC

FFFFFF

 5F3CCF

 B989FF

 3E23B3

 D7A4FF

 130897

 F5BFFF

 00007D

 FFDCFF

 000063

 FFF8FF

 00084A

 000432

 00021C

 000000

 7D55EC

 7D55EC

 6C3DEC

 8E6DEC

 5A26EC

 A084EC

 490EEC

 B19CEC

 3F00EC

 C2B3EC

 D4CBEC

 E5E3EC

 F6FAEC

 FFFFEC

# Harmonies

## Analogous

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



0078FF



7D55EC



D203B0

# Triad

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



7D55EC



B95600



009080

# Complementary

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



7D55EC



C4EC55

# 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.



008C30



7D55EC



7E7500

# Square

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



7D55EC



E2191E



228500



0090C9

# Rectangle

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



7D55EC



EA007F



228500



008F66



# Sweetspot

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



7D55EC



DBCFFF



55C6EC



6A6280



000000



808080



# Same Dimension

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



7D55EC



6F3BFF



C655EC



6D6A75



3000B5



0E0036



# Inverse Universe

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



EC55C4



FF3BCB



7BEC55



756A72



B50085

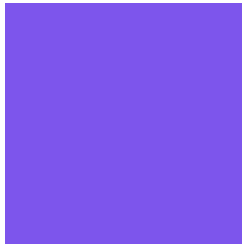


360027



# Previews

## White Background



This preview shows how the Hex color 7D55EC looks on a white background.

## Color Contrast Check

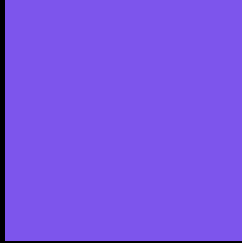
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 7D55EC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

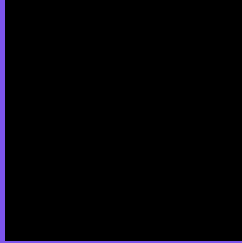
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 7D55EC Background



This preview shows how black text looks on a background with the Hex color 7D55EC.

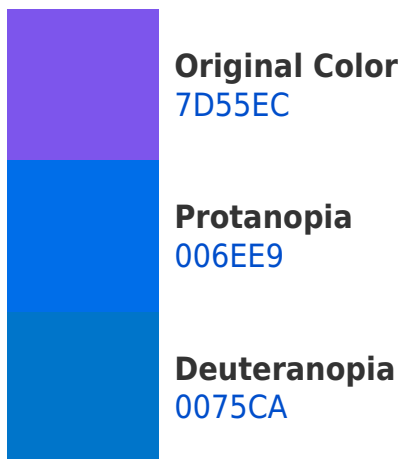



This preview shows how white text looks on a background with the Hex color 7D55EC.

# 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](#).

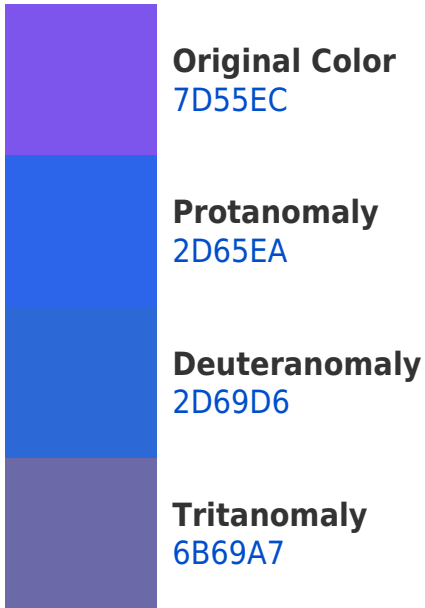
## Dichromacy





**Tritanopia**  
60757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7D55EC 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 #7D55EC looks like.

```
.text, #text, p{  
    color:#7D55EC  
}
```

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 #7D55EC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7D55EC
}
```

## Border

The CSS property to change the border of an element to Hex 7D55EC 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
#7D55EC }
```

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

```
.border{ border-color:#7D55EC }
```

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

Here you see how a box with a 4 pixel #7D55EC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7D55EC; -webkit-box-shadow:4px 4px  
4px 4px #7D55EC; box-shadow:4px 4px 4px  
4px #7D55EC }
```

# Background

The CSS property to change the background color of an element to Hex 7D55EC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7D55EC }
```

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

```
.background{ background-color:#7D55EC }
```

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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