

Converting Colors

Hex(7945ED)

Have a look what the booklet for
Hex(7945ED) contains.

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Color

Hex(7945ED)

Conversions

Conversions Part 1

Format	Color
Hex	7945ED
RGB	121, 69, 237
RGB Percent	47%, 27%, 93%
CMY	0.5255, 0.7294, 0.0706
CMYK	0.49, 0.71, 0.00, 0.07
HSL	259°, 82%, 60%
HSV	259°, 71%, 93%
XYZ	25.2993, 14.4356, 81.5737
YIQ	103.7000, -22.9360, 63.2720

Conversions

Conversions Part 2

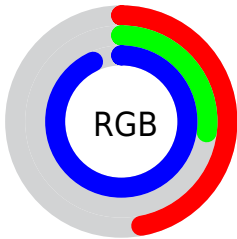
Format	Color
R_{YB}	121, 69, 237
Decimal	7947757
CIE _{Lab}	44.85, 59.34, -76.73
CIE _{LCh}	45, 97.001, 307.718
Yxy	14.4356, 0.2086, 0.1190
Android (android.graphics.Color)	4286137837 (0xFF7945ED)
YUV	103.7000, 65.7169, 15.1721
Hunter-Lab	37.9942, 52.3685, -100.6998

Details

The Hex color **7945ED** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **B9ED45**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **B679FF**, and **370CB4** is the 20% darker color. If you saturate the color by 10%, you get **692DED**, and if you desaturate by 10%, it is **895DED**.

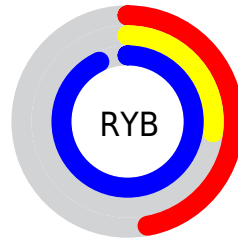
Distribution



Red (47%)

Green (27%)

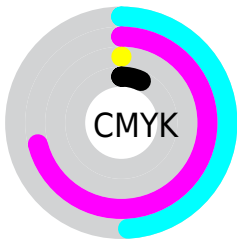
Blue (93%)



Red (47%)

Yellow (27%)

Blue (93%)

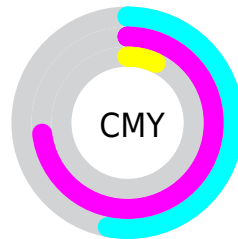


Cyan (49%)

Magenta (71%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (73%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7945ED 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 7945ED by changing the saturation by 10% instead.

7945ED

7945ED

FFFFFF

5A2BD0

B679FF

370CB4

D494FF

000098

F3B0FF

00007D

FFCCFF

000063

FFE9FF

00094A

000433

00021D

000000

 7945ED

 7945ED

 692DED

 895DED

 5816ED

 9A74ED

 4900ED

 AA8CED

 BAA4ED

 CBBBED

 DBD3ED

 ECEBED

 FCFFED

 FFFFED

Harmonies

Analogous

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



0070FF



7945ED



D400A9

Triad

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



7945ED



B14D00



00887E

Complementary

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



7945ED



B9ED45

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.



008525



7945ED



6F6E00

Square

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



7945ED



DE0002



007E00



0089CD

Rectangle

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



7945ED



EB0074



007E00



008762

Sweetspot

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



7945ED



DAC9FF



45BBED



696080



000000



808080

Same Dimension

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



7945ED



6926FF



CB45ED



6D6A75



3800B5



110036

Inverse Universe

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



ED45B9



FF26BC



67ED45



756A72



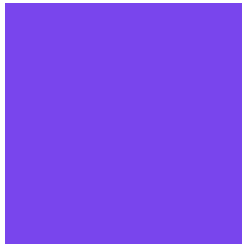
B5007D



360025

Previews

White Background



This preview shows how the Hex color 7945ED 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

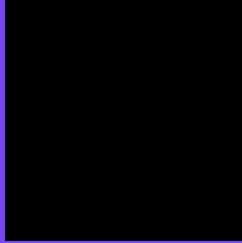
Any Text WCAG AA × Fail

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 7945ED Background



This preview shows how black text looks on a background with the Hex color 7945ED.

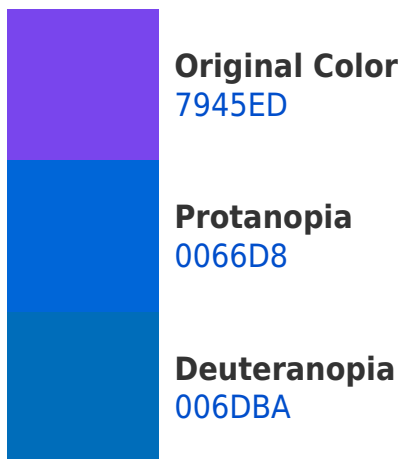



This preview shows how white text looks on a background with the Hex color 7945ED.

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](#).

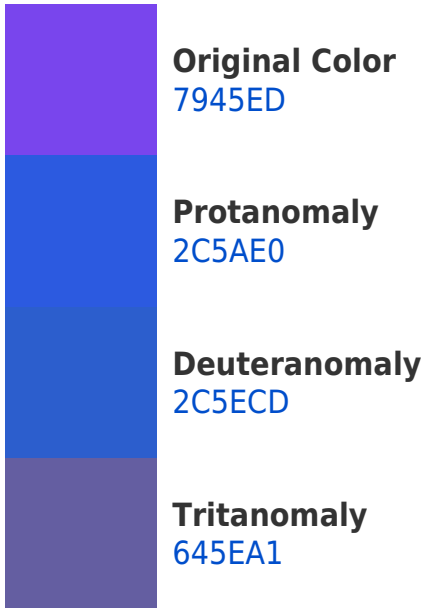
Dichromacy



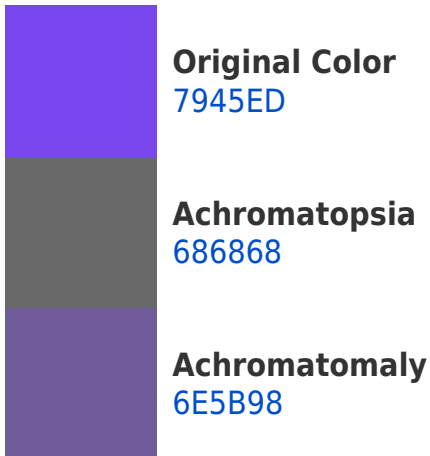


Tritanopia
586D76

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7945ED 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 #7945ED looks like.

```
.text, #text, p{  
    color:#7945ED  
}
```

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 #7945ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7945ED
}
```

Border

The CSS property to change the border of an element to Hex 7945ED 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
#7945ED }
```

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

```
.border{ border-color:#7945ED }
```

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

Here you see how a box with a 4 pixel #7945ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7945ED; -webkit-box-shadow:4px 4px  
4px 4px #7945ED; box-shadow:4px 4px 4px  
4px #7945ED }
```

Background

The CSS property to change the background color of an element to Hex 7945ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7945ED }
```

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

```
.background{ background-color:#7945ED }
```

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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