

Converting Colors

Hex(7964ED)

Have a look what the booklet for
Hex(7964ED) contains.

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Color

Hex(7964ED)

Conversions

Conversions Part 1

Format	Color
Hex	7964ED
RGB	121, 100, 237
RGB Percent	47%, 39%, 93%
CMY	0.5255, 0.6078, 0.0706
CMYK	0.49, 0.58, 0.00, 0.07
HSL	249°, 79%, 66%
HSV	249°, 58%, 93%
XYZ	27.7284, 19.2937, 82.3834
YIQ	121.8970, -31.4610, 47.0590

Conversions

Conversions Part 2

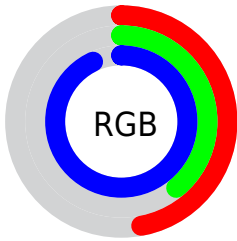
Format	Color
R _Y B	121, 100, 237
Decimal	7955693
CIE Lab	51.03, 42.69, -66.68
CIE LCh	51, 79.176, 302.632
Yxy	19.2937, 0.2143, 0.1491
Android (android.graphics.Color)	4286145773 (0xFF7964ED)
YUV	121.8970, 56.7458, -0.7867
Hunter-Lab	43.9246, 35.8140, -80.4549

Details

The Hex color **7964ED** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **D8ED64**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **B498FF**, and **3A34B4** is the 20% darker color. If you saturate the color by 10%, you get **654CED**, and if you desaturate by 10%, it is **8D7CED**.

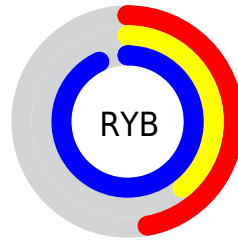
Distribution



Red (47%)

Green (39%)

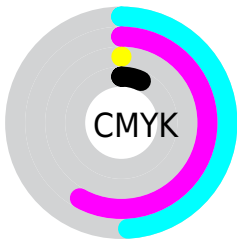
Blue (93%)



Red (47%)

Yellow (39%)

Blue (93%)

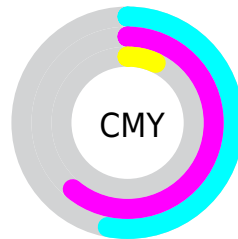


Cyan (49%)

Magenta (58%)

Yellow (0%)

Black (7%)



Cyan (53%)

Magenta (61%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7964ED 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 7964ED by changing the saturation by 10% instead.

 7964ED

 7964ED

FFFFFF

 5B4CD0

 B498FF

 3A34B4

 D2B3FF

 0A1D99

 F0CEFF

 00077E

 FFEBFF

 000064

 00064B

 000433

 00021D

 000000

 7964ED

 7964ED

 654CED

 8D7CED

 5135ED

 A193ED

 3D1DED

 B5ABED

 2905ED

 C9C3ED

 2400ED

 DDDAED

 F1F2ED

 FFFFED

Harmonies

Analogous

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



0081FF



7964ED



CD38B9

Triad

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



7964ED



C35D00



00967E

Complementary

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



7964ED



D8ED64

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.



009236



7964ED



8E7900

Square

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



7964ED



E53335



478A00



0096C1

Rectangle

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



7964ED



E6158D



478A00



009566

Sweetspot

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



7964ED



DAD4FF



64D8ED



6A6680



000000



808080

Same Dimension

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



7964ED



6A4FFF



BD64ED



6B6A75



1C00B5



080036

Inverse Universe

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



ED64D8



FF4FE4



94ED64



756A74



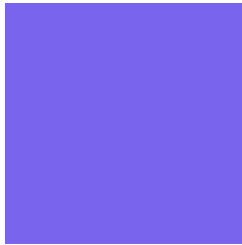
B50099



36002D

Previews

White Background



This preview shows how the Hex color 7964ED looks on a white background.

Color Contrast Check

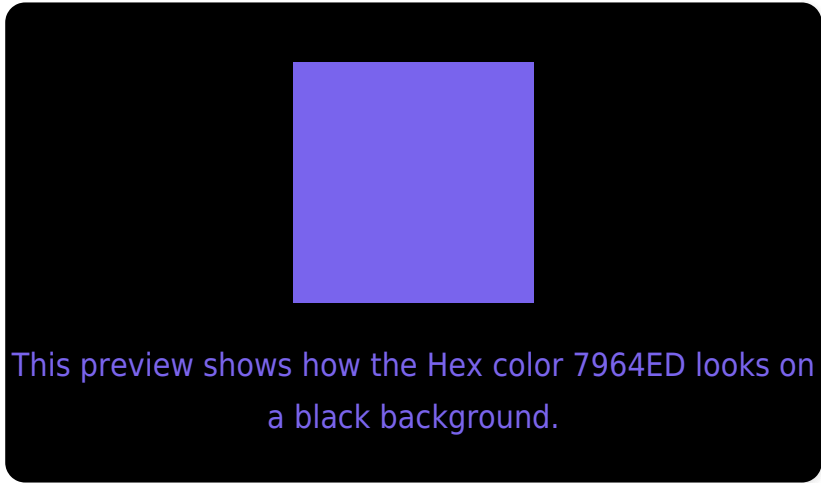
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

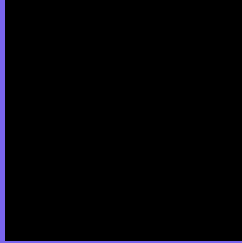
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7964ED Background



This preview shows how black text looks on a background with the Hex color 7964ED.

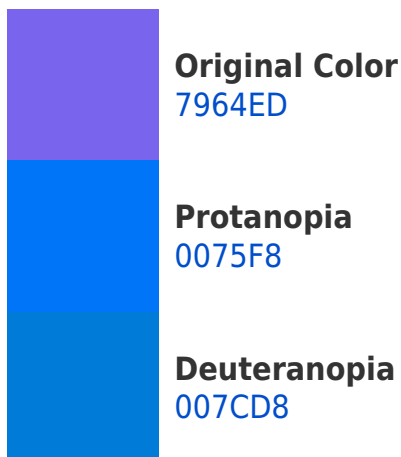


This preview shows how white text looks on a background with the Hex color 7964ED.

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](#).

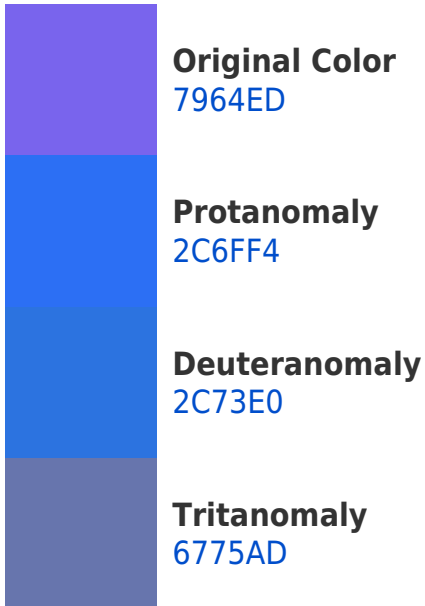
Dichromacy



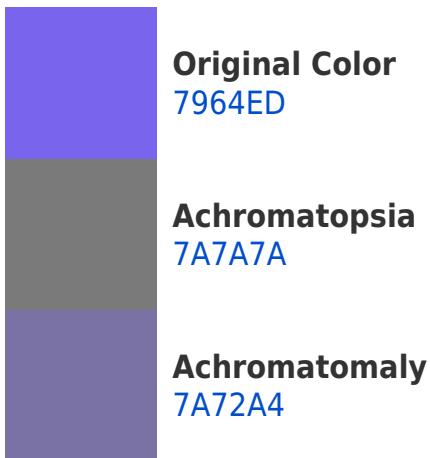


Tritanopia
5C7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7964ED 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 #7964ED looks like.

```
.text, #text, p{  
    color:#7964ED  
}
```

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 #7964ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7964ED
}
```

Border

The CSS property to change the border of an element to Hex 7964ED 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
#7964ED }
```

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

```
.border{ border-color:#7964ED }
```

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

Here you see how a box with a 4 pixel #7964ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7964ED; -webkit-box-shadow:4px 4px  
4px 4px #7964ED; box-shadow:4px 4px 4px  
4px #7964ED }
```

Background

The CSS property to change the background color of an element to Hex 7964ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7964ED }
```

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

```
.background{ background-color:#7964ED }
```

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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