

Converting Colors

Hex(935ED4)

Have a look what the booklet for
Hex(935ED4) contains.

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Color

Hex(935ED4)

Conversions

Conversions Part 1

Format	Color
Hex	935ED4
RGB	147, 94, 212
RGB Percent	58%, 37%, 83%
CMY	0.4235, 0.6314, 0.1686
CMYK	0.31, 0.56, 0.00, 0.17
HSL	267°, 58%, 60%
HSV	267°, 56%, 83%
XYZ	27.9190, 18.9619, 64.4759
YIQ	123.2990, -6.2900, 47.9340

Conversions

Conversions Part 2

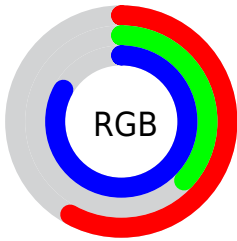
Format	Color
R _Y B	147, 94, 212
Decimal	9658068
CIE Lab	50.64, 45.12, -53.05
CIE LCh	51, 69.640, 310.382
Yxy	18.9619, 0.2507, 0.1703
Android (android.graphics.Color)	4287848148 (0xFF935ED4)
YUV	123.2990, 43.7296, 20.7858
Hunter-Lab	43.5453, 38.2407, -57.3068

Details

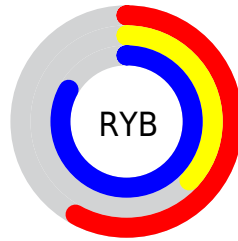
The Hex color **935ED4** is a light color, and the websafe version is hex **9966CC**. The color can be described as light muted purple. A complement of this color would be **9FD45E**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CC92FF**, and **5C2C9D** is the 20% darker color. If you saturate the color by 10%, you get **8749D4**, and if you desaturate by 10%, it is **9F73D4**.

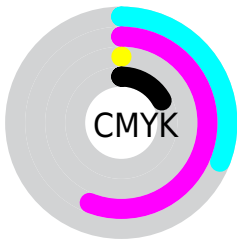
Distribution



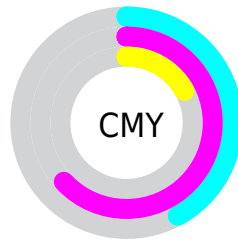
- Red (58%)
- Green (37%)
- Blue (83%)



- Red (58%)
- Yellow (37%)
- Blue (83%)



- Cyan (31%)
- Magenta (56%)
- Yellow (0%)
- Black (17%)



- Cyan (42%)
- Magenta (63%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 935ED4 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 935ED4 by changing the saturation by 10% instead.

935ED4

935ED4

FFFFFF

7745B8

CC92FF

5C2C9D

E9ADFF

401382

FFC9FF

230068

FFE6FF

04004F

000137

000221

000006

000000

935ED4

935ED4

8749D4

9F73D4

7C34D4

AA88D4

701ED4

B69ED4

6409D4

C2B3D4

5F00D4

CDC8D4

D9DDD4

E5F2D4

F0FFD4

FCFFD4

Harmonies

Analogous

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



0079EF



935ED4



CD3DA2

Triad

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



935ED4



B16700



00938C

Complementary

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



935ED4



9FD45E

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.



00904E



935ED4



7F7D00

Square

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



935ED4



D4492E



3A8A05



0091C5

Rectangle

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



935ED4



DE307A



3A8A05



009278

Sweetspot

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



935ED4



E7D4FF



5EA1D4



716680



000000



808080

Same Dimension

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



935ED4



A154FF



CC5ED4



65606B



4D00AB



13002B

Inverse Universe

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



D45E9F



FF54B2



66D45E



6B6066



AB005E



2B0018

Previews

White Background



This preview shows how the Hex color 935ED4 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 935ED4 Background



This preview shows how black text looks on a background with the Hex color 935ED4.

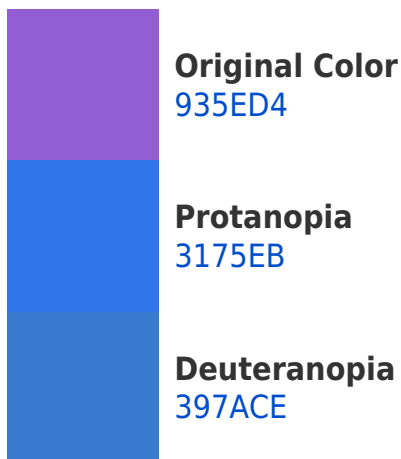


This preview shows how white text looks on a background with the Hex color 935ED4.

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](#).

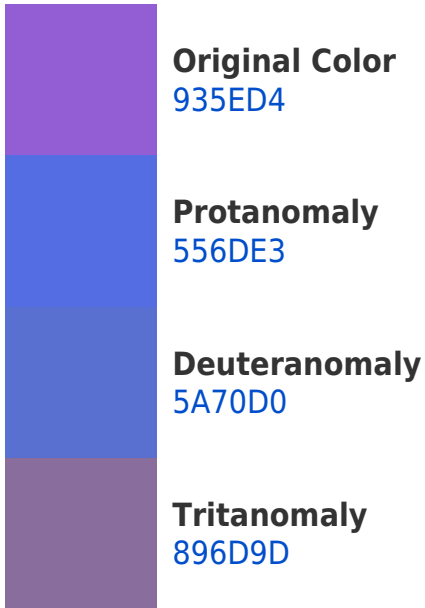
Dichromacy



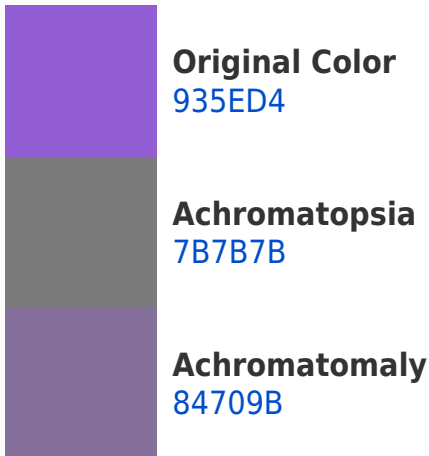


Tritanopia
83757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 935ED4 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 #935ED4 looks like.

```
.text, #text, p{  
    color:#935ED4  
}
```

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 #935ED4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #935ED4
}
```

Border

The CSS property to change the border of an element to Hex 935ED4 is called "border". The border property can be set on classes, ids or directly on the HTML element.

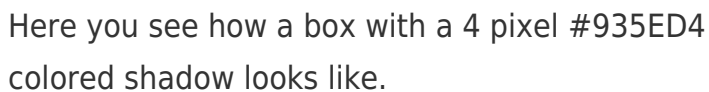
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#935ED4 }
```

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

```
.border{ border-color:#935ED4 }
```

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



Here you see how a box with a 4 pixel #935ED4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #935ED4; -webkit-box-shadow:4px 4px  
4px 4px #935ED4; box-shadow:4px 4px 4px  
4px #935ED4 }
```

Background

The CSS property to change the background color of an element to Hex 935ED4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#935ED4 }
```

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

```
.background{ background-color:#935ED4 }
```

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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