

Converting Colors

Hex(8728E5)

Have a look what the booklet for
Hex(8728E5) contains.

Hex(8728E5)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8728E5)

Conversions

Conversions Part 1

Format	Color
Hex	8728E5
RGB	135, 40, 229
RGB Percent	53%, 16%, 90%
CMY	0.4706, 0.8431, 0.1020
CMYK	0.41, 0.83, 0.00, 0.10
HSL	270°, 78%, 53%
HSV	270°, 83%, 90%
XYZ	24.8933, 12.3256, 75.1958
YIQ	89.9510, -4.0490, 78.9190

Conversions

Conversions Part 2

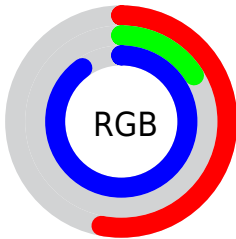
Format	Color
R _Y B	135, 40, 229
Decimal	8857829
CIE Lab	41.73, 71.07, -77.25
CIE LCh	42, 104.970, 312.614
Yxy	12.3256, 0.2214, 0.1096
Android (android.graphics.Color)	4287047909 (0xFF8728E5)
YUV	89.9510, 68.5512, 39.5080
Hunter-Lab	35.1079, 65.1271, -102.4148

Details

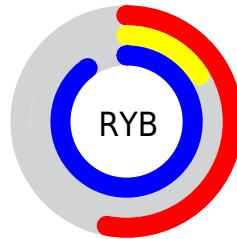
The Hex color **8728E5** is a dark color, and the websafe version is hex **9933FF**. The color can be described as middle washed purple. A complement of this color would be **86E528**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **C363FF**, and **4900AC** is the 20% darker color. If you saturate the color by 10%, you get **7C11E5**, and if you desaturate by 10%, it is **923FE5**.

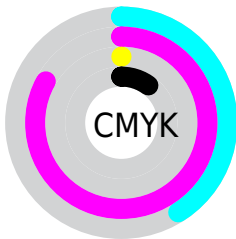
Distribution



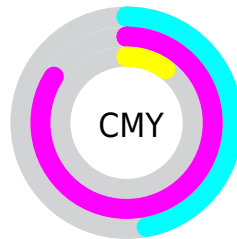
- Red (53%)
- Green (16%)
- Blue (90%)



- Red (53%)
- Yellow (16%)
- Blue (90%)



- Cyan (41%)
- Magenta (83%)
- Yellow (0%)
- Black (10%)



- Cyan (47%)
- Magenta (84%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8728E5 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 8728E5 by changing the saturation by 10% instead.

 8728E5

 8728E5

FFFFFF

 6900C8

 C363FF

 4900AC

 E27FFF

 230091

 FF9BFF

 000076

 FFB7FF

 00005C

 FFD4FF

 000743

 FFF1FF

 00032C

 000117

 000000

■ 8728E5

■ 8728E5

■ 7C11E5

■ 923FE5

■ 7300E5

■ 9E56E5

■ A96DE5

■ B584E5

■ C09BE5

■ CBB1E5

■ D7C8E5

■ E2DFE5

■ EEF6E5

Harmonies

Analogous

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



0065FF



8728E5



DB0098

Triad

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



8728E5



A04A00



008187

Complementary

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



8728E5



86E528

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.



007E29



8728E5



576B00

Square

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



8728E5



D50000



007900



0082D9

Rectangle

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



8728E5



ED0060



007900



008068

Sweetspot

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



8728E5



DFBFFF



2887E5



6C5980



000000



808080

Same Dimension

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



8728E5



8103FF



E528E5



6D6773



5A00B3



1A0033

Inverse Universe

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



E52886



FF0380



28E528



73676D



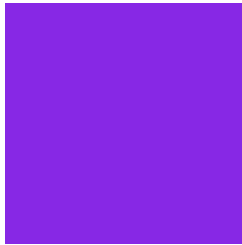
B30059



330019

Previews

White Background



This preview shows how the Hex color 8728E5 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

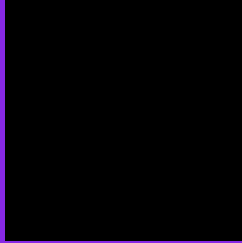
Any Text WCAG AA × Fail

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 8728E5 Background



This preview shows how black text looks on a background with the Hex color 8728E5.

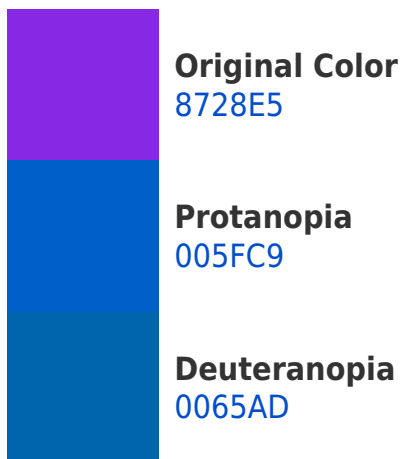


This preview shows how white text looks on a background with the Hex color 8728E5.

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](#).

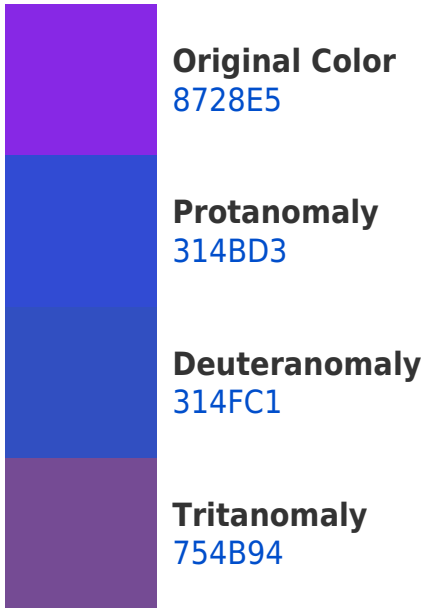
Dichromacy



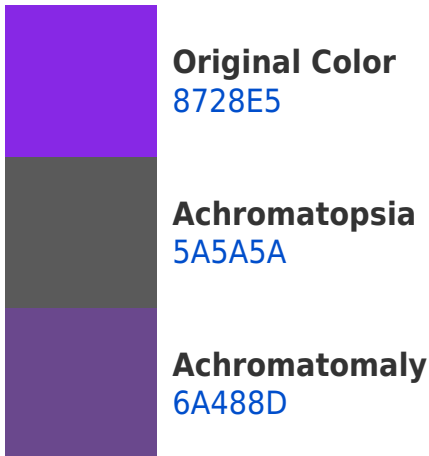


Tritanopia
6B5F66

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8728E5 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 #8728E5 looks like.

```
.text, #text, p{  
    color:#8728E5  
}
```

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 #8728E5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8728E5
}
```

Border

The CSS property to change the border of an element to Hex 8728E5 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".

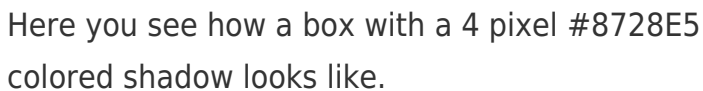
```
.border, #border, table{ border:4px solid
#8728E5 }
```

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

```
.border{ border-color:#8728E5 }
```

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

Here you see how a box with a 4 pixel #8728E5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8728E5; -webkit-box-shadow:4px 4px  
4px 4px #8728E5; box-shadow:4px 4px 4px  
4px #8728E5 }
```

Background

The CSS property to change the background color of an element to Hex 8728E5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8728E5 }
```

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

```
.background{ background-color:#8728E5 }
```

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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