

# Converting Colors

Hex(8A05E4)

Have a look what the booklet for  
Hex(8A05E4) contains.

<b>Hex(8A05E4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(8A05E4)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8A05E4
RGB	138, 5, 228
RGB Percent	54%, 2%, 89%
CMY	0.4588, 0.9804, 0.1059
CMYK	0.39, 0.98, 0.00, 0.11
HSL	276°, 96%, 46%
HSV	276°, 98%, 89%
XYZ	24.5391, 11.1133, 74.2505
YIQ	70.1890, 7.6850, 97.5490

# Conversions

## Conversions Part 2

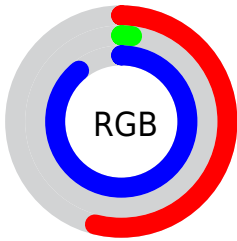
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	138, 5, 228
Decimal	9045476
CIE Lab	39.77, 77.99, -79.88
CIE LCh	40, 111.640, 314.312
Yxy	11.1133, 0.2233, 0.1011
Android (android.graphics.Color)	4287235556 (0xFF8A05E4)
YUV	70.1890, 77.8008, 59.4702
Hunter-Lab	33.3365, 73.0552, -108.7211

# Details

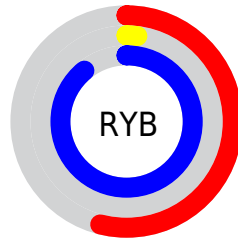
The Hex color **8A05E4** is a dark color, and the websafe version is hex **9933FF**. The color can be described as dark washed purple. A complement of this color would be **5FE405**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **C753FF**, and **4B00AB** is the 20% darker color. If you saturate the color by 10%, you get **8800E4**, and if you desaturate by 10%, it is **931CE4**.

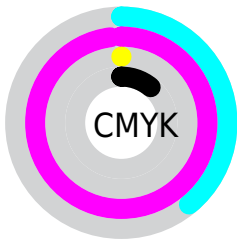
# Distribution



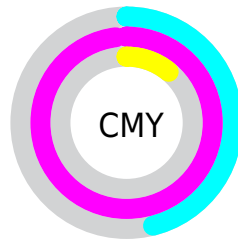
- Red (54%)
- Green (2%)
- Blue (89%)



- Red (54%)
- Yellow (2%)
- Blue (89%)



- Cyan (39%)
- Magenta (98%)
- Yellow (0%)
- Black (11%)



- Cyan (46%)
- Magenta (98%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8A05E4 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 8A05E4 by changing the saturation by 10% instead.



 8A05E4

 8A05E4

FFFFFF

 6B00C7

 C753FF

 4B00AB

 E671FF

 260090

 FF8DFF

 000075

 FFAAFF

 00005B

 FFC7FF

 000742

 FFE5FF

 00032B

 000116

 000000

■ 8A05E4

■ 8A05E4

■ 8800E4

■ 931CE4

■ 9C33E4

■ A649E4

■ AF60E4

■ B877E4

■ C18EE4

■ CAA5E4

■ D4BBE4

■ DDD2E4

# Harmonies

## Analogous

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



005FFF



8A05E4



DE0092

# Triad

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



8A05E4



994700



007C89

# Complementary

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



8A05E4



5FE405

# 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.



007926



8A05E4



496800

# Square

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



8A05E4



D10000



007500



007EDF

# Rectangle

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



8A05E4



EE0056



007500



007B69



# Sweetspot

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



8A05E4



E1B5FF



0562E4



6D5380



000000



808080



# Same Dimension

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



8A05E4



9800FF



E405D1



6E6773



6A00B3



1E0033



# Inverse Universe

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



E4055F



FF0067



05E418



73676C



B30048



330015



# Previews

## White Background



This preview shows how the Hex color 8A05E4 looks on a white background.

## Color Contrast Check

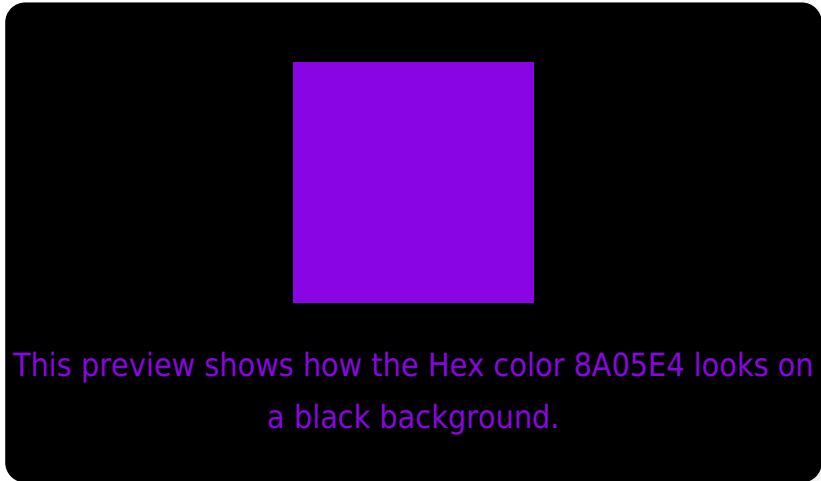
Large Text (above 18pt) WCAG AA ✓ Pass

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 8A05E4 Background



This preview shows how black text looks on a background with the Hex color 8A05E4.

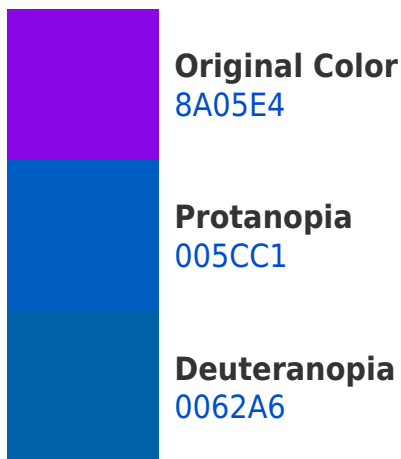



This preview shows how white text looks on a background with the Hex color 8A05E4.

# 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**  
6E5960

# Trichromacy



**Original Color**  
8A05E4



**Protanomaly**  
323CCE



**Deuteranomaly**  
3240BD



**Tritanomaly**  
783A90

# Monochromacy



**Original Color**  
8A05E4



**Achromatopsia**  
464646



**Achromatomaly**  
5F2E7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8A05E4 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 #8A05E4 looks like.

```
.text, #text, p{  
    color:#8A05E4  
}
```

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 #8A05E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A05E4
}
```

## Border

The CSS property to change the border of an element to Hex 8A05E4 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".

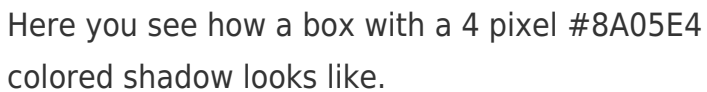
```
.border, #border, table{ border:4px solid
#8A05E4 }
```

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

```
.border{ border-color:#8A05E4 }
```

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

Here you see how a box with a 4 pixel #8A05E4 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A05E4; -webkit-box-shadow:4px 4px  
4px 4px #8A05E4; box-shadow:4px 4px 4px  
4px #8A05E4 }
```

# Background

The CSS property to change the background color of an element to Hex 8A05E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A05E4 }
```

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

```
.background{ background-color:#8A05E4 }
```

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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