

Converting Colors

Hex(8A46E6)

Have a look what the booklet for
Hex(8A46E6) contains.

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Color

Hex(8A46E6)

Conversions

Conversions Part 1

Format	Color
Hex	8A46E6
RGB	138, 70, 230
RGB Percent	54%, 27%, 90%
CMY	0.4588, 0.7255, 0.0980
CMYK	0.40, 0.70, 0.00, 0.10
HSL	266°, 76%, 59%
HSV	266°, 70%, 90%
XYZ	26.9543, 15.4968, 76.4334
YIQ	108.5720, -10.8320, 64.1760

Conversions

Conversions Part 2

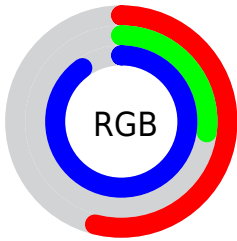
Format	Color
R _Y B	138, 70, 230
Decimal	9062118
CIE Lab	46.31, 59.93, -70.32
CIE LCh	46, 92.396, 310.440
Yxy	15.4968, 0.2267, 0.1304
Android (android.graphics.Color)	4287252198 (0xFF8A46E6)
YUV	108.5720, 59.8640, 25.8084
Hunter-Lab	39.3659, 53.3307, -87.5621

Details

The Hex color **8A46E6** 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 **A2E646**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **C57BFF**, and **4E09AD** is the 20% darker color. If you saturate the color by 10%, you get **7D2FE6**, and if you desaturate by 10%, it is **975DE6**.

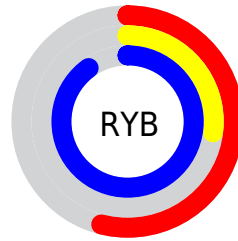
Distribution



Red (54%)

Green (27%)

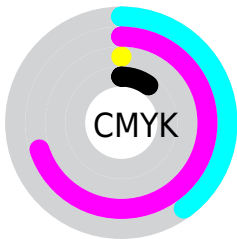
Blue (90%)



Red (54%)

Yellow (27%)

Blue (90%)

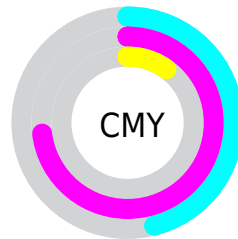


Cyan (40%)

Magenta (70%)

Yellow (0%)

Black (10%)



Cyan (46%)

Magenta (73%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8A46E6 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 8A46E6 by changing the saturation by 10% instead.

 8A46E6

 8A46E6

FFFFFF

 6C2BC9


 C57BFF

 4E09AD

 E396FF

 2C0092


 FF22FF

 000077

 FFCEFF

 00005E

 FFE0FF

 000745

 00032D

 000118

 000000

■ 8A46E6

■ 8A46E6

■ 7D2FE6

■ 975DE6

■ 7018E6

■ A474E6

■ 6201E6

■ B28BE6

■ 6200E6

■ BFA2E6

■ CCB9E6

■ D9D0E6

■ E7E7E6

■ F4FEE6

■ FFFFE6

Harmonies

Analogous

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



0071FF



8A46E6



D900A3

Triad

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



8A46E6



AE5600



008B88

Complementary

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



8A46E6



A2E646

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.



008935



8A46E6



6E7300

Square

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



8A46E6



DC0E01



008200



008BD2

Rectangle

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



8A46E6



EC0070



008200



008B6D

Sweetspot

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



8A46E6



E0C9FF



46A3E6



6D6080



000000



808080

Same Dimension

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



8A46E6



852BFF



D946E6



6C6773



4C00B3



160033

Inverse Universe

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



E646A2



FF2BA5



53E646



73676E



B30067



33001D

Previews

White Background



This preview shows how the Hex color 8A46E6 looks on a white background.

Color Contrast Check

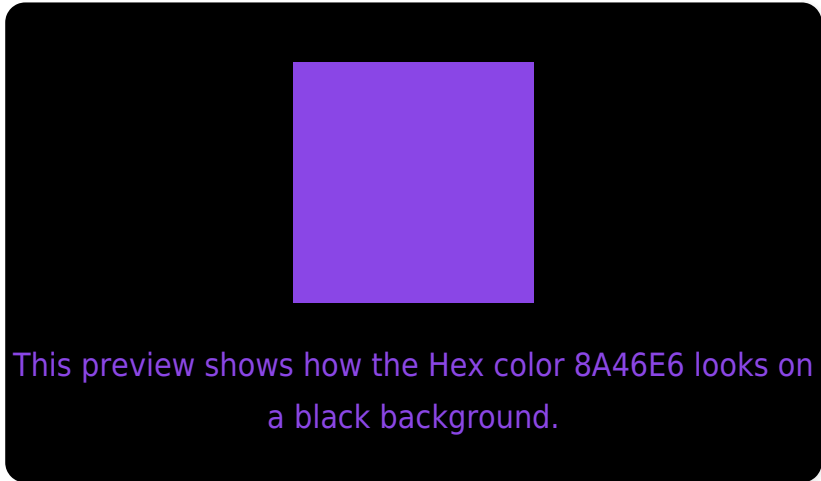
Large Text (above 18pt) WCAG AA ✓ Pass

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

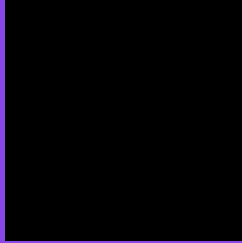
Any Text WCAG AA × Fail

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 8A46E6 Background



This preview shows how black text looks on a background with the Hex color 8A46E6.



This preview shows how white text looks on a background with the Hex color 8A46E6.

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



Original Color
8A46E6

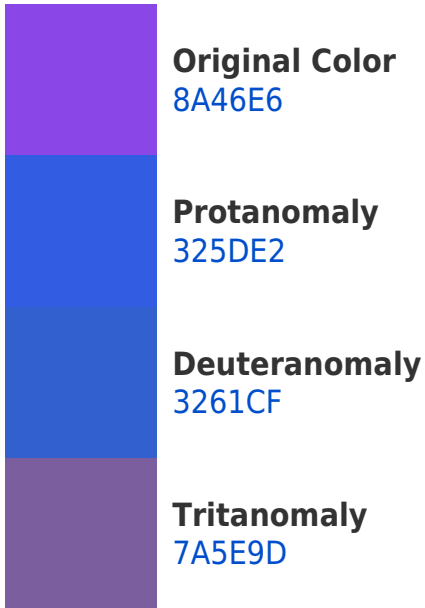
Protanopia
006AE0

Deuteranopia
0070C2

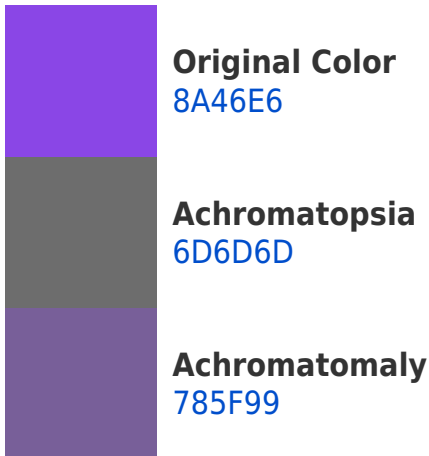


Tritanopia
716C74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 8A46E6 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 #8A46E6 looks like.

```
.text, #text, p{  
    color:#8A46E6  
}
```

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 #8A46E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8A46E6
}
```

Border

The CSS property to change the border of an element to Hex 8A46E6 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".

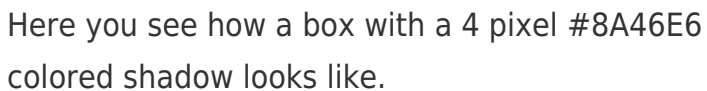
```
.border, #border, table{ border:4px solid
#8A46E6 }
```

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

```
.border{ border-color:#8A46E6 }
```

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

Here you see how a box with a 4 pixel #8A46E6 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top, bottom, and left sides. The right side of the box is open, and a thick purple shadow is cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8A46E6; -webkit-box-shadow:4px 4px  
4px 4px #8A46E6; box-shadow:4px 4px 4px  
4px #8A46E6 }
```

Background

The CSS property to change the background color of an element to Hex 8A46E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8A46E6 }
```

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

```
.background{ background-color:#8A46E6 }
```

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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