

# Converting Colors

Hex(8E55D3)

Have a look what the booklet for  
Hex(8E55D3) contains.

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# Color

**Hex(8E55D3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E55D3
RGB	142, 85, 211
RGB Percent	56%, 33%, 83%
CMY	0.4431, 0.6667, 0.1725
CMYK	0.33, 0.60, 0.00, 0.17
HSL	267°, 59%, 58%
HSV	267°, 60%, 83%
XYZ	26.1617, 16.9509, 63.5210
YIQ	116.4070, -6.4740, 51.2700

# Conversions

## Conversions Part 2

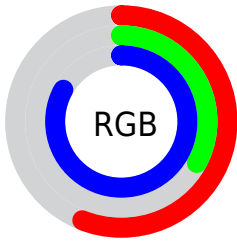
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 85, 211
Decimal	9328083
CIE <sub>Lab</sub>	48.20, 48.53, -56.43
CIE <sub>LCh</sub>	48, 74.427, 310.696
Yxy	16.9509, 0.2453, 0.1590
Android (android.graphics.Color)	4287518163 (0xFF8E55D3)
YUV	116.4070, 46.6343, 22.4451
Hunter-Lab	41.1715, 41.3745, -62.6549

# Details

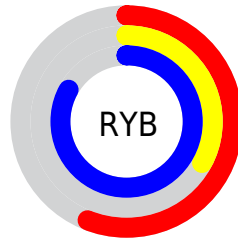
The Hex color **8E55D3** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **9AD355**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **C789FF**, and **56229C** is the 20% darker color. If you saturate the color by 10%, you get **8240D3**, and if you desaturate by 10%, it is **9A6AD3**.

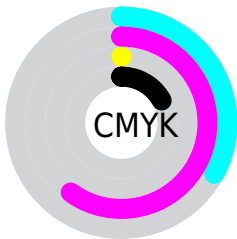
# Distribution



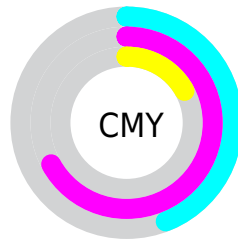
- Red (56%)
- Green (33%)
- Blue (83%)



- Red (56%)
- Yellow (33%)
- Blue (83%)



- Cyan (33%)
- Magenta (60%)
- Yellow (0%)
- Black (17%)



- Cyan (44%)
- Magenta (67%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E55D3 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 8E55D3 by changing the saturation by 10% instead.



 8E55D3

 8E55D3

FFFFFF

 723CB7

 C789FF

 56229C

 E5A4FF

 3A0481

 FFC0FF

 190067

 FFDCFF

 00004E

 FFF9FF

 000536

 000220

 000004

 000000

 8E55D3

 8E55D3

 8240D3

 9A6AD3

 772BD3

 A57FD3

 6B16D3

 B194D3

 6001D3

 BCA9D3

 5F00D3

 C8BFD3

 D3D4D3

 DFE9D3

 EAFED3

 F6FFD3

# Harmonies

## Analogous

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



0073F0



8E55D3



CC2B9D

# Triad

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



8E55D3



AB6000



008D88

# Complementary

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



8E55D3



9AD355

# 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.



008B46



8E55D3



777700

# Square

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



8E55D3



D13D22



288400



008CC4

# Rectangle

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



8E55D3



DC1374



288400



008D72



# Sweetspot

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



8E55D3



E6D1FF



559AD3



706380



000000



808080



# Same Dimension

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



8E55D3



9A47FF



CD55D3



635E69



4C00A8



120029



# Inverse Universe

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



D3559A



FF47AC



5BD355



695E64



A8005C

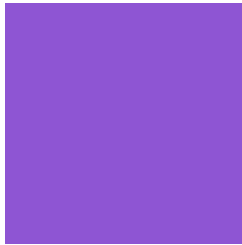


290016



# Previews

## White Background



This preview shows how the Hex color 8E55D3 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

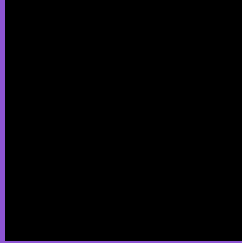
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E55D3 Background



This preview shows how black text looks on a background with the Hex color 8E55D3.



This preview shows how white text looks on a background with the Hex color 8E55D3.

# 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**  
8E55D3

**Deuteranopia**  
1B74CC

**Tritanopia**  
7C6F77

# Trichromacy



**Original Color**  
8E55D3



**Deuteranomaly**  
4569CF

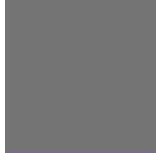


**Tritanomaly**  
836698

# Monochromacy



**Original Color**  
8E55D3



**Achromatopsia**  
747474



**Achromatomaly**  
7D6997

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E55D3 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 #8E55D3 looks like.

```
.text, #text, p{  
    color:#8E55D3  
}
```

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 #8E55D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E55D3
}
```

## Border

The CSS property to change the border of an element to Hex 8E55D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

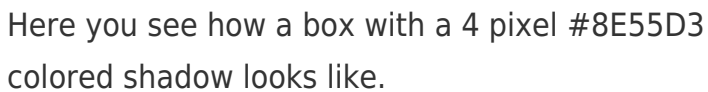
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E55D3 }
```

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

```
.border{ border-color:#8E55D3 }
```

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



Here you see how a box with a 4 pixel #8E55D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E55D3; -webkit-box-shadow:4px 4px  
4px 4px #8E55D3; box-shadow:4px 4px 4px  
4px #8E55D3 }
```

# Background

The CSS property to change the background color of an element to Hex 8E55D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E55D3 }
```

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

```
.background{ background-color:#8E55D3 }
```

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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