

# Converting Colors

Hex(8E1265)

Have a look what the booklet for  
Hex(8E1265) contains.

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# Color

**Hex(8E1265)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E1265
RGB	142, 18, 101
RGB Percent	56%, 7%, 40%
CMY	0.4431, 0.9294, 0.6039
CMYK	0.00, 0.87, 0.29, 0.44
HSL	320°, 78%, 31%
HSV	320°, 87%, 56%
XYZ	13.7206, 7.1230, 12.9636
YIQ	64.5380, 47.2610, 52.1010

# Conversions

## Conversions Part 2

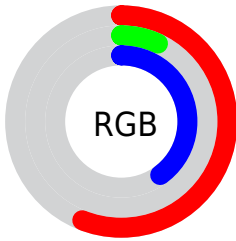
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 18, 101
Decimal	9310821
CIE <sub>Lab</sub>	32.09, 55.03, -15.48
CIE <sub>LCh</sub>	32, 57.163, 344.283
Yxy	7.1230, 0.4058, 0.2107
Android (android.graphics.Color)	4287500901 (0xFF8E1265)
YUV	64.5380, 17.9758, 67.9342
Hunter-Lab	26.6889, 45.0601, -10.1168

# Details

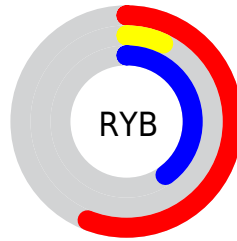
The Hex color **8E1265** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **128E3B**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **C75098**, and **570036** is the 20% darker color. If you saturate the color by 10%, you get **8E0460**, and if you desaturate by 10%, it is **8E206A**.

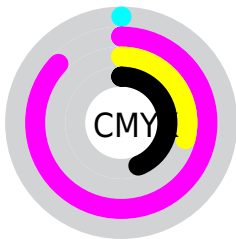
# Distribution



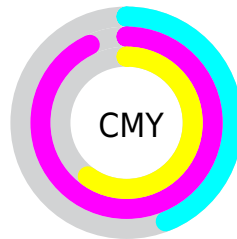
- Red (56%)
- Green (7%)
- Blue (40%)



- Red (56%)
- Yellow (7%)
- Blue (40%)



- Cyan (0%)
- Magenta (87%)
- Yellow (29%)
- Black (44%)



- Cyan (44%)
- Magenta (93%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E1265 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 8E1265 by changing the saturation by 10% instead.



 8E1265

 8E1265

FFFFFF

 72004D

 C75098

 570036

 E56CB3

 3E0021

 FF87CE

 220005

 FFA3EB

 000000

 FFBFFF

 FFD0FF

 FFF9FF

 8E1265

 8E1265

■ 8E0460

■ 8E206A

■ 8E005F

■ 8E2E6E

■ 8E3D73

■ 8E4B78

■ 8E597C

■ 8E6781

■ 8E7586

■ 8E848B

■ 8E928F

# Harmonies

## Analogous

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



66338D



8E1265



980638

# Triad

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



8E1265



4A5000



005D8A

# Complementary

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



8E1265



128E3B

# 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.



005E61



8E1265



035900

# Square

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



8E1265



704100



005D31



0058A3

# Rectangle

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



8E1265



921E1B



005D31



005E7D



# Sweetspot

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



8E1265



B888A8



39128E



5C3F52



DBDBDB



5C5C5C



# Same Dimension

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



8E1265



B8007B



8E1229



474045



87005A



080005



# Inverse Universe

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



8E1265



B8007B



128E77



474045



87005A



080005



# Previews

## White Background



This preview shows how the Hex color 8E1265 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

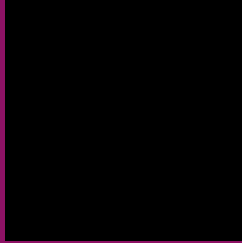
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E1265 Background



This preview shows how black text looks on a background with the Hex color 8E1265.



This preview shows how white text looks on a background with the Hex color 8E1265.

# 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**  
8A2A2D

# Trichromacy



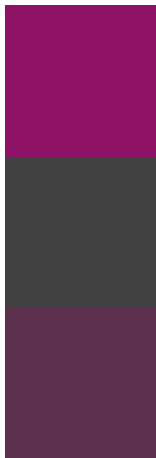
**Original Color**  
8E1265

**Protanomaly**  
50367E

**Deuteranomaly**  
643761

**Tritanomaly**  
8B2141

# Monochromacy



**Original Color**  
8E1265

**Achromatopsia**  
414141

**Achromatomaly**  
5D304E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E1265 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 #8E1265 looks like.

```
.text, #text, p{  
    color:#8E1265  
}
```

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 #8E1265 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E1265
}
```

## Border

The CSS property to change the border of an element to Hex 8E1265 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
#8E1265 }
```

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

```
.border{ border-color:#8E1265 }
```

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

Here you see how a box with a 4 pixel #8E1265 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E1265; -webkit-box-shadow:4px 4px  
4px 4px #8E1265; box-shadow:4px 4px 4px  
4px #8E1265 }
```

# Background

The CSS property to change the background color of an element to Hex 8E1265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E1265 }
```

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

```
.background{ background-color:#8E1265 }
```

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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