

Converting Colors

Hex(8E1680)

Have a look what the booklet for
Hex(8E1680) contains.

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Color

Hex(8E1680)

Conversions

Conversions Part 1

Format	Color
Hex	8E1680
RGB	142, 22, 128
RGB Percent	56%, 9%, 50%
CMY	0.4431, 0.9137, 0.4980
CMYK	0.00, 0.85, 0.10, 0.44
HSL	307°, 73%, 32%
HSV	307°, 85%, 56%
XYZ	15.3385, 7.8831, 21.1352
YIQ	69.9640, 37.4940, 58.4060

Conversions

Conversions Part 2

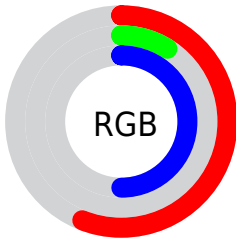
Format	Color
R_{YB}	142, 22, 128
Decimal	9311872
CIE _{Lab}	33.74, 57.83, -30.05
CIE _{LCh}	34, 65.169, 332.546
Yxy	7.8831, 0.3458, 0.1777
Android (android.graphics.Color)	4287501952 (0xFF8E1680)
YUV	69.9640, 28.6117, 63.1756
Hunter-Lab	28.0769, 48.3808, -24.9775

Details

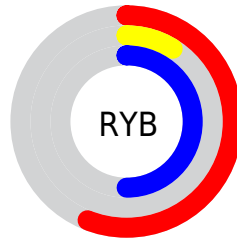
The Hex color **8E1680** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **168E24**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **C753B5**, and **57004E** is the 20% darker color. If you saturate the color by 10%, you get **8E087E**, and if you desaturate by 10%, it is **8E2482**.

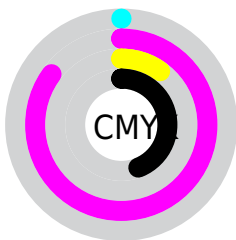
Distribution



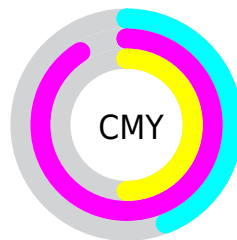
- Red (56%)
- Green (9%)
- Blue (50%)



- Red (56%)
- Yellow (9%)
- Blue (50%)



- Cyan (0%)
- Magenta (85%)
- Yellow (10%)
- Black (44%)



- Cyan (44%)
- Magenta (91%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8E1680 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 8E1680 by changing the saturation by 10% instead.

 8E1680

 8E1680

FFFFFF

 720067

 C753B5

 57004E

 E46FD1

 3E0037

 FF8BED

 240021

 FFA7FF

 000005

 FFC3FF

 000000

 FFE0FF

 FFFDFF

 8E1680

 8E1680

■ 8E087E

■ 8E2482

■ 8E007D

■ 8E3283

■ 8E4185

■ 8E4F87

■ 8E5D88

■ 8E6B8A

■ 8E798C

■ 8E888D

■ 8E968F

Harmonies

Analogous

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



4C3FA8



8E1680



A5004D

Triad

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



8E1680



5E4F00



006486

Complementary

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



8E1680



168E24

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.



006453



8E1680



265B00

Square

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



8E1680



863900



00611A



0061AC

Rectangle

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



8E1680



A4002C



00611A



006476

Sweetspot

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



8E1680



B88AB2



24168E



5C4059



DBDBDB



5C5C5C

Same Dimension

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



8E1680



B800A2



8E1644



474047



870077



080007

Inverse Universe

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



8E1680



B800A2



168E60



474047



870077



080007

Previews

White Background



This preview shows how the Hex color 8E1680 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

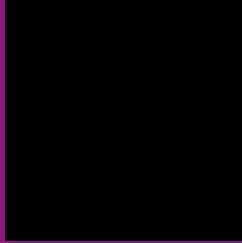
Any Text WCAG AA × Fail

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 8E1680 Background



This preview shows how black text looks on a background with the Hex color 8E1680.




This preview shows how white text looks on a background with the Hex color 8E1680.

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
873539

Trichromacy



Original Color
8E1680



Protanomaly
343A98



Deuteranomaly
5C3C7C



Tritanomaly
8A2A53

Monochromacy



Original Color
8E1680



Achromatopsia
464646



Achromatomaly
60355B

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E1680 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 #8E1680 looks like.

```
.text, #text, p{  
    color:#8E1680  
}
```

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 #8E1680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E1680
}
```

Border

The CSS property to change the border of an element to Hex 8E1680 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
#8E1680 }
```

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

```
.border{ border-color:#8E1680 }
```

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

Here you see how a box with a 4 pixel #8E1680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E1680; -webkit-box-shadow:4px 4px  
4px 4px #8E1680; box-shadow:4px 4px 4px  
4px #8E1680 }
```

Background

The CSS property to change the background color of an element to Hex 8E1680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E1680 }
```

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

```
.background{ background-color:#8E1680 }
```

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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