

# Converting Colors

Hex(96080E)

Have a look what the booklet for  
Hex(96080E) contains.

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**Color**

**Hex(96080E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	96080E
RGB	150, 8, 14
RGB Percent	59%, 3%, 5%
CMY	0.4118, 0.9686, 0.9451
CMYK	0.00, 0.95, 0.91, 0.41
HSL	357°, 90%, 31%
HSV	357°, 95%, 59%
XYZ	12.7438, 6.6894, 1.0350
YIQ	51.1420, 82.7060, 31.9700

# Conversions

## Conversions Part 2

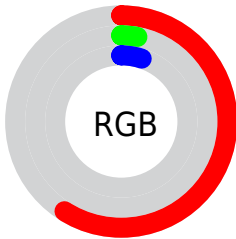
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 8, 14
Decimal	9832462
CIE <sub>Lab</sub>	31.09, 52.94, 38.82
CIE <sub>LCh</sub>	31, 65.650, 36.253
Yxy	6.6894, 0.6226, 0.3268
Android (android.graphics.Color)	4288022542 (0xFF96080E)
YUV	51.1420, -18.3110, 86.6985
Hunter-Lab	25.8639, 42.6896, 15.7321

# Details

The Hex color **96080E** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **089690**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **D44B3A**, and **590000** is the 20% darker color. If you saturate the color by 10%, you get **960006**, and if you desaturate by 10%, it is **96171C**.

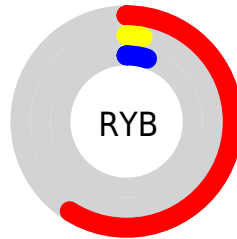
# Distribution



Red (59%)

Green (3%)

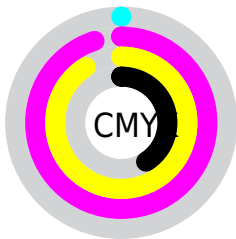
Blue (5%)



Red (59%)

Yellow (3%)

Blue (5%)

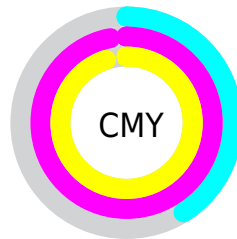


Cyan (0%)

Magenta (95%)

Yellow (91%)

Black (41%)



Cyan (41%)

Magenta (97%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 96080E 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 96080E by changing the saturation by 10% instead.



 96080E

 96080E

 FFFFF2

 780000

 D44B3A

 590000

 F46652

 3E0002

 FF826A

 1C0001

 FF9E84

 000000

 FFBA9E

 FFD7B9

 FFF4D5

 96080E

 96080E

■ 960006

■ 96171C

■ 96262B

■ 963539

■ 964447

■ 965356

■ 966264

■ 967173

■ 968081

■ 968F8F

# Harmonies

## Analogous

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



9F0041



96080E



7A3600

# Triad

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



96080E



005B1B



004DB1

# Complementary

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



96080E



089690

# 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.



0059A9



96080E



005D53

# Square

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



96080E



125600



005D85



51349D

# Rectangle

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



96080E



604500



005D85



0053B2



# Sweetspot

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



96080E



C28C8E



8F0896



614041



E0E0E0



616161



# Same Dimension

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



96080E



C20008



964808



4A4343



8A0006



0A0000



# Inverse Universe

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



96080E



C20008



085696



4A4343



8A0006



0A0000



# Previews

## White Background



This preview shows how the Hex color 96080E looks on a white background.

## Color Contrast Check

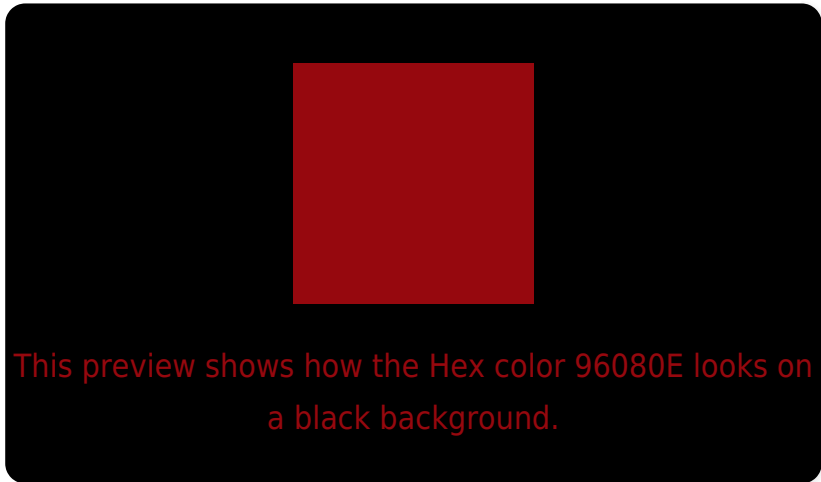
Large Text (above 18pt) WCAG AA ✓ Pass

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 96080E Background



This preview shows how black text looks on a background with the Hex color 96080E.



This preview shows how white text looks on a background with the Hex color 96080E.

# 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**  
96080E

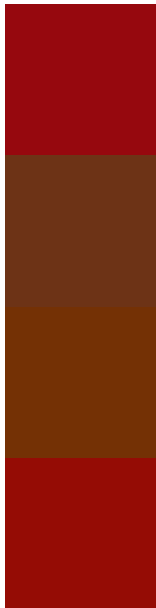
**Protanopia**  
554C1B

**Deuteranopia**  
604800



**Tritanopia**  
950E00

# Trichromacy



**Original Color**  
96080E

**Protanomaly**  
6D3316

**Deuteranomaly**  
743105

**Tritanomaly**  
950C05

# Monochromacy



**Original Color**  
96080E

**Achromatopsia**  
333333

**Achromatomaly**  
572326

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 96080E 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 #96080E looks like.

```
.text, #text, p{  
    color:#96080E  
}
```

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 #96080E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #96080E
}
```

## Border

The CSS property to change the border of an element to Hex 96080E is called "border". The border property can be set on classes, ids or directly on the HTML element.

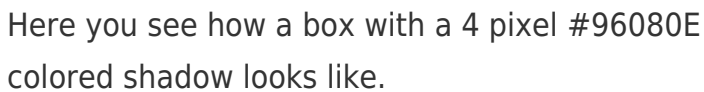
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#96080E }
```

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

```
.border{ border-color:#96080E }
```

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



Here you see how a box with a 4 pixel #96080E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #96080E; -webkit-box-shadow:4px 4px  
4px 4px #96080E; box-shadow:4px 4px 4px  
4px #96080E }
```

# Background

The CSS property to change the background color of an element to Hex 96080E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#96080E }
```

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

```
.background{ background-color:#96080E }
```

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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