

# Converting Colors

Hex(94170E)

Have a look what the booklet for  
Hex(94170E) contains.

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**Color**

**Hex(94170E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	94170E
RGB	148, 23, 14
RGB Percent	58%, 9%, 5%
CMY	0.4196, 0.9098, 0.9451
CMYK	0.00, 0.84, 0.91, 0.42
HSL	4°, 83%, 32%
HSV	4°, 91%, 58%
XYZ	12.5984, 6.9404, 1.0911
YIQ	59.3490, 77.3890, 23.7010

# Conversions

## Conversions Part 2

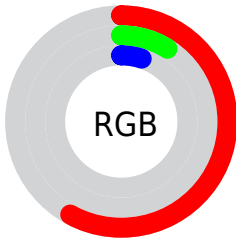
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 24, 14
Decimal	9705230
CIE <sub>Lab</sub>	31.67, 49.46, 39.07
CIE <sub>LCh</sub>	32, 63.029, 38.310
Yxy	6.9404, 0.6107, 0.3364
Android (android.graphics.Color)	4287895310 (0xFF94170E)
YUV	59.3490, -22.3571, 77.7469
Hunter-Lab	26.3446, 39.2583, 15.9857

# Details

The Hex color **94170E** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0E8B94**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **D2513B**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **940A00**, and if you desaturate by 10%, it is **94251D**.

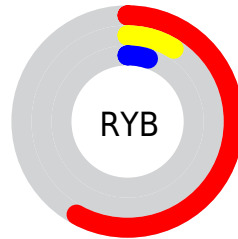
# Distribution



Red (58%)

Green (9%)

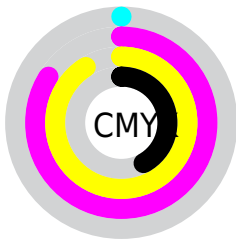
Blue (5%)



Red (58%)

Yellow (9%)

Blue (5%)

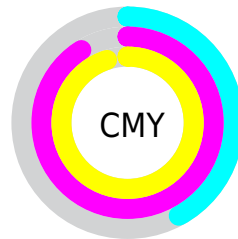


Cyan (0%)

Magenta (84%)

Yellow (91%)

Black (42%)



Cyan (42%)

Magenta (91%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94170E 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 94170E by changing the saturation by 10% instead.



 94170E

 94170E

 FFFFF3

 760000

 D2513B

 580000

 F16C53

 3D0002

 FF876B

 1B0001

 FFA385

 000000

 FFBF9F

 FFDCBA

 FFF9D6

 94170E

 94170E

■ 940A00

■ 94251D

■ 94332C

■ 94403A

■ 944E49

■ 945C58

■ 946A67

■ 947876

■ 948584

■ 949393

# Harmonies

## Analogous

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



9E003F



94170E



783A00

# Triad

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



94170E



005C23



004DAE

# Complementary

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



94170E



0E8B94

# 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.



005AA8



94170E



005E58

# Square

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



94170E



105700



005E87



593599

# Rectangle

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



94170E



5E4800



005E87



0052AF



# Sweetspot

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



94170E



BF8F8C



940E8B



614442



E0E0E0



616161



# Same Dimension

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



94170E



BF0D00



945A0E



4A4343



8A0900



0A0100



# Inverse Universe

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



0E8B94



00B2BF



0E4894



43494A



00808A



000A0A



# Previews

## White Background



This preview shows how the Hex color 94170E 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 94170E Background



This preview shows how black text looks on a background with the Hex color 94170E.



This preview shows how white text looks on a background with the Hex color 94170E.

# 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**  
94170E

**Protanopia**  
564D1A

**Deuteranopia**  
614900



**Tritanopia**  
941614

# Trichromacy



**Original Color**  
94170E

**Protanomaly**  
6D3916

**Deuteranomaly**  
743705

**Tritanomaly**  
941612

# Monochromacy



**Original Color**  
94170E

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
5B2E2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94170E 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 #94170E looks like.

```
.text, #text, p{  
    color:#94170E  
}
```

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 #94170E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94170E
}
```

## Border

The CSS property to change the border of an element to Hex 94170E is called "border". The border property can be set on classes, ids or directly on the HTML element.

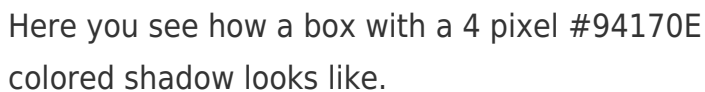
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94170E }
```

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

```
.border{ border-color:#94170E }
```

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



Here you see how a box with a 4 pixel #94170E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94170E; -webkit-box-shadow:4px 4px  
4px 4px #94170E; box-shadow:4px 4px 4px  
4px #94170E }
```

# Background

The CSS property to change the background color of an element to Hex 94170E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94170E }
```

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

```
.background{ background-color:#94170E }
```

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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