

Converting Colors

Hex(941E0D)

Have a look what the booklet for
Hex(941E0D) contains.

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Color

Hex(941E0D)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 941E0D |
| RGB | 148, 30, 13 |
| RGB Percent | 58%, 12%, 5% |
| CMY | 0.4196, 0.8824, 0.9490 |
| CMYK | 0.00, 0.80, 0.91, 0.42 |
| HSL | 8°, 84%, 32% |
| HSV | 8°, 91%, 58% |
| XYZ | 12.7497, 7.2535, 1.1089 |
| YIQ | 63.3440, 75.7850, 19.7290 |

Conversions

Conversions Part 2

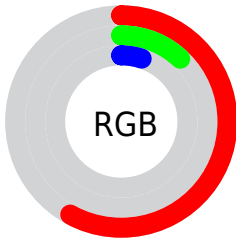
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 148, 32, 13 |
| Decimal | 9707021 |
| CIE _{Lab} | 32.38, 47.43, 40.06 |
| CIE _{LCh} | 32, 62.081, 40.184 |
| Yxy | 7.2535, 0.6039, 0.3436 |
| Android (android.graphics.Color) | 4287897101 (0xFF941E0D) |
| YUV | 63.3440, -24.8196, 74.2433 |
| Hunter-Lab | 26.9323, 37.3696, 16.4116 |

Details

The Hex color **941E0D** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **0D8394**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **D1553A**, and **580000** is the 20% darker color. If you saturate the color by 10%, you get **941300**, and if you desaturate by 10%, it is **942B1C**.

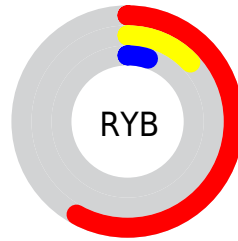
Distribution



Red (58%)

Green (12%)

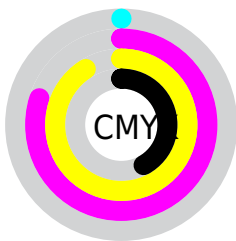
Blue (5%)



Red (58%)

Yellow (13%)

Blue (5%)

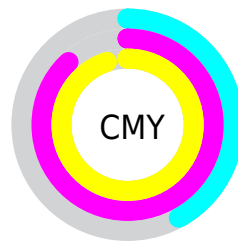


Cyan (0%)

Magenta (80%)

Yellow (91%)

Black (42%)



Cyan (42%)

Magenta (88%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 941E0D 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 941E0D by changing the saturation by 10% instead.

 941E0D

 941E0D

 FFFFF3

 760000

 D1553A

 580000

 F17052

 3D0001

 FF8B6B

 1C0001

 FFA785

 000000

 FFC39F

 FFDFBA

 FFFDD6

 941E0D

 941E0D

■ 941300

■ 942B1C

■ 94382B

■ 944539

■ 945248

■ 945F57

■ 946C66

■ 947975

■ 948583

■ 949292

Harmonies

Analogous

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



9F003E



941E0D



783D00

Triad

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



941E0D



005E28



004DAE

Complementary

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



941E0D



0D8394

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.



005BA9



941E0D



00605C

Square

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



941E0D



0B5A00



00608B



5F3598

Rectangle

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



941E0D



5E4B00



00608B



0053B0

Sweetspot

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



941E0D



BF928C



940D84



614642



E0E0E0



616161

Same Dimension

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



941E0D



BF1800



94600D



4A4343



8A1100



0A0100

Inverse Universe

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



0D8394



00A7BF



0D4194



43494A



00788A



00090A

Previews

White Background



This preview shows how the Hex color 941E0D 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 941E0D Background



This preview shows how black text looks on a background with the Hex color 941E0D.



This preview shows how white text looks on a background with the Hex color 941E0D.

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
941E0D

Protanopia
574E18

Deuteranopia
624A00

Trichromacy



Original Color
941E0D

Protanomaly
6D3D14

Deuteranomaly
743A05

Tritanomaly
941D17

Monochromacy



Original Color
941E0D

Achromatopsia
3F3F3F

Achromatomaly
5E332D

CSS Examples

Text

The CSS property to change the color of the text to Hex 941E0D 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 #941E0D looks like.

```
.text, #text, p{  
    color:#941E0D  
}
```

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 #941E0D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #941E0D
}
```

Border

The CSS property to change the border of an element to Hex 941E0D is called "border". The border property can be set on classes, ids or directly on the HTML element.

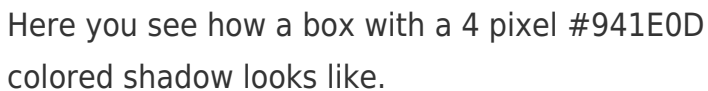
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#941E0D }
```

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

```
.border{ border-color:#941E0D }
```

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



Here you see how a box with a 4 pixel #941E0D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #941E0D; -webkit-box-shadow:4px 4px  
4px 4px #941E0D; box-shadow:4px 4px 4px  
4px #941E0D }
```

Background

The CSS property to change the background color of an element to Hex 941E0D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#941E0D }
```

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

```
.background{ background-color:#941E0D }
```

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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