

Converting Colors

Hex(91330D)

Have a look what the booklet for
Hex(91330D) contains.

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Color

Hex(91330D)

Conversions

Conversions Part 1

Format	Color
Hex	91330D
RGB	145, 51, 13
RGB Percent	57%, 20%, 5%
CMY	0.4314, 0.8000, 0.9490
CMYK	0.00, 0.65, 0.91, 0.43
HSL	17°, 84%, 31%
HSV	17°, 91%, 57%
XYZ	12.9335, 8.4165, 1.3236
YIQ	74.7740, 68.2220, 8.1100

Conversions

Conversions Part 2

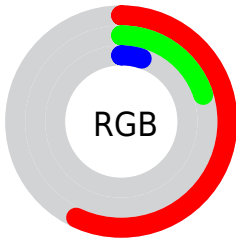
Format	Color
R_{YB}	145, 66, 13
Decimal	9515789
CIE _{Lab}	34.84, 38.06, 41.66
CIE _{LCh}	35, 56.426, 47.589
Yxy	8.4165, 0.5704, 0.3712
Android (android.graphics.Color)	4287705869 (0xFF91330D)
YUV	74.7740, -30.4546, 61.5882
Hunter-Lab	29.0111, 28.8081, 17.6027

Details

The Hex color **91330D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D6B91**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **CD663C**, and **570000** is the 20% darker color. If you saturate the color by 10%, you get **912A00**, and if you desaturate by 10%, it is **913D1C**.

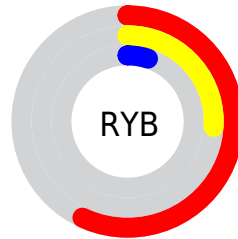
Distribution



Red (57%)

Green (20%)

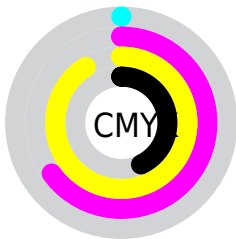
Blue (5%)



Red (57%)

Yellow (26%)

Blue (5%)

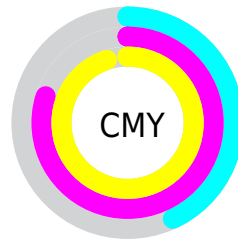


Cyan (0%)

Magenta (65%)

Yellow (91%)

Black (43%)



Cyan (43%)

Magenta (80%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 91330D 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 91330D by changing the saturation by 10% instead.

 91330D

 91330D

 FFFFF6

 741900

 CD663C

 570000

 EC8054

 3B0000

 FF9A6D

 1D0001

 FFB687

 000000

 FFD2A2

 FFEFBD

 FFFFD9

 91330D

 91330D

■ 912A00

■ 913D1C

■ 91482A

■ 915239

■ 915C47

■ 916756

■ 917164

■ 917B73

■ 918681

■ 919090

Harmonies

Analogous

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



9F1A3A



91330D



744900

Triad

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



91330D



00643D



0B4EA9

Complementary

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



91330D



0D6B91

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.



005DAB



91330D



00656C

Square

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



91330D



006009



006494



73378F

Rectangle

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



91330D



5A5400



006494



0054AC

Sweetspot

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



91330D



BD988A



910D6C



5E4940



DEDEDE



5E5E5E

Same Dimension

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



91330D



BD3600



91740D



474240



872700



080200

Inverse Universe

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



0D6B91



0086BD



0D2A91



404547



006087



000508

Previews

White Background



This preview shows how the Hex color 91330D looks on a white background.

Color Contrast Check

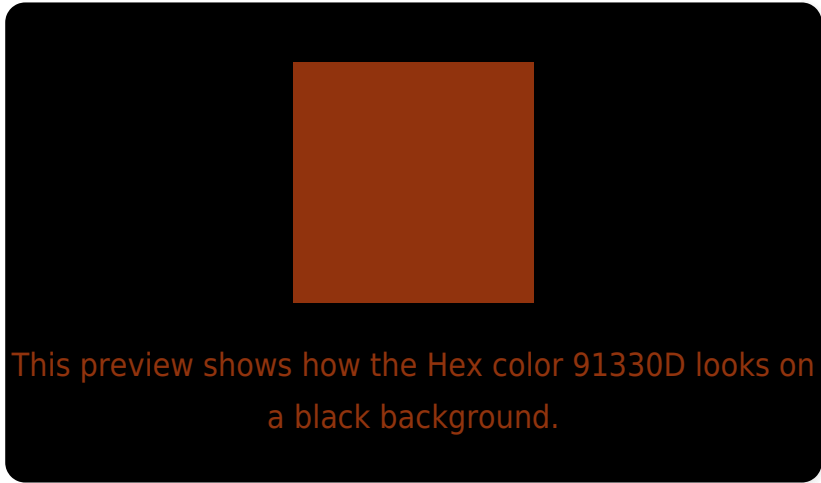
Large Text (above 18pt) WCAG AA ✓ Pass

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

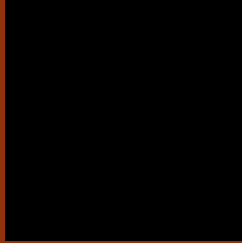
Any Text WCAG AA × Fail

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 91330D Background



This preview shows how black text looks on a background with the Hex color 91330D.



This preview shows how white text looks on a background with the Hex color 91330D.

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

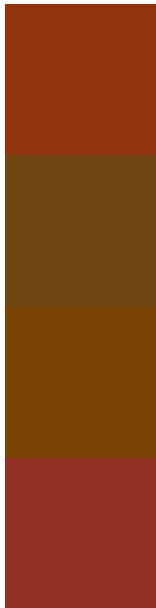


Original Color
91330D

Protanopia
5D5315

Deuteranopia
694F00

Trichromacy



Original Color
91330D

Protanomaly
704712

Deuteranomaly
784505

Tritanomaly
923125

Monochromacy



Original Color
91330D

Achromatopsia
4B4B4B

Achromatomaly
644234

CSS Examples

Text

The CSS property to change the color of the text to Hex 91330D 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 #91330D looks like.

```
.text, #text, p{  
    color:#91330D  
}
```

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 #91330D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91330D
}
```

Border

The CSS property to change the border of an element to Hex 91330D is called "border". The border property can be set on classes, ids or directly on the HTML element.

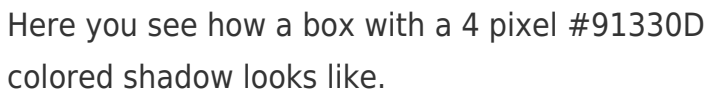
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#91330D }
```

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

```
.border{ border-color:#91330D }
```

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



Here you see how a box with a 4 pixel #91330D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91330D; -webkit-box-shadow:4px 4px  
4px 4px #91330D; box-shadow:4px 4px 4px  
4px #91330D }
```

Background

The CSS property to change the background color of an element to Hex 91330D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91330D }
```

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

```
.background{ background-color:#91330D }
```

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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