

# Converting Colors

Hex(90390D)

Have a look what the booklet for  
Hex(90390D) contains.

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**Color**

**Hex(90390D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90390D
RGB	144, 57, 13
RGB Percent	56%, 22%, 5%
CMY	0.4353, 0.7765, 0.9490
CMYK	0.00, 0.60, 0.91, 0.44
HSL	20°, 83%, 31%
HSV	20°, 91%, 56%
XYZ	13.0374, 8.8846, 1.4085
YIQ	77.9970, 65.9760, 4.7600

# Conversions

## Conversions Part 2

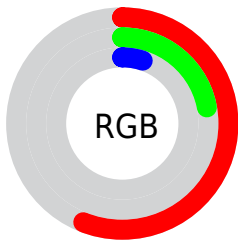
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">144, 79, 13</a>
Decimal	<a href="#">9451789</a>
CIELab	<a href="#">35.76, 34.75, 42.29</a>
CIELCh	<a href="#">36, 54.741, 50.590</a>
Yxy	<a href="#">8.8846, 0.5588, 0.3808</a>
Android (android.graphics.Color)	<a href="#">4287641869 (0xFF90390D)</a>
YUV	<a href="#">77.9970, -32.0435, 57.8846</a>
Hunter-Lab	<a href="#">29.8071, 25.9122, 18.0632</a>

# Details

The Hex color **90390D** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0D6490**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **CC6B3D**, and **560400** is the 20% darker color. If you saturate the color by 10%, you get **903000**, and if you desaturate by 10%, it is **90431B**.

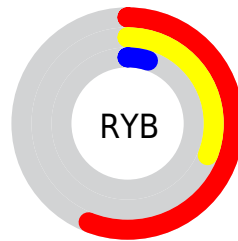
# Distribution



Red (56%)

Green (22%)

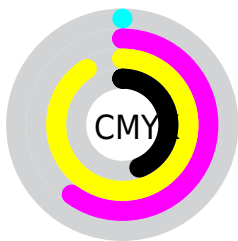
Blue (5%)



Red (56%)

Yellow (31%)

Blue (5%)

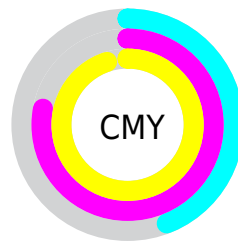


Cyan (0%)

Magenta (60%)

Yellow (91%)

Black (44%)



Cyan (44%)

Magenta (78%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90390D 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 90390D by changing the saturation by 10% instead.



 90390D

 90390D

 FFFFF7

 732000

 CC6B3D

 560400

 EA8555

 3A0000

 FFA06E

 1E0001

 FFBB88

 000000

 FFD7A3

 FFF4BE

 FFFFDA

 90390D

 90390D

■ 903000

■ 90431B

■ 904C2A

■ 905638

■ 905F47

■ 906955

■ 907263

■ 907C72

■ 908680

■ 908F8F

# Harmonies

## Analogous

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



9F2338



90390D



724D00

# Triad

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



90390D



006644



2D4FA7

# Complementary

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



90390D



0D6490

# 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.



005EAB



90390D



006772

# Square

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



90390D



006315



006598



7A388C

# Rectangle

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



90390D



595700



006598



0055AB



# Sweetspot

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



90390D



BA9988



900D64



5E4A40



DEDEDE



5E5E5E



# Same Dimension

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



90390D



BA3F00



907A0D



474340



872D00



080300



# Inverse Universe

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



0D6490



007CBA



0D2390



404547



005A87



000508



# Previews

## White Background



This preview shows how the Hex color 90390D looks on a white background.

## Color Contrast Check

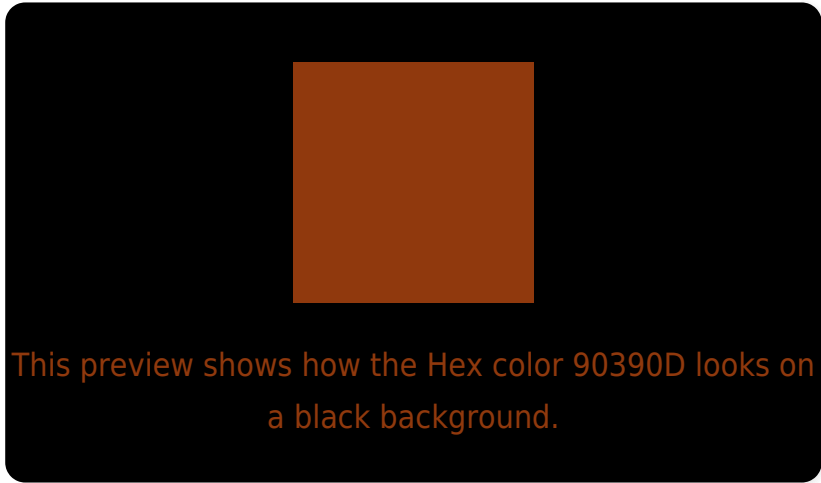
Large Text (above 18pt) WCAG AA ✓ Pass

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 90390D Background



This preview shows how black text looks on a background with the Hex color 90390D.



This preview shows how white text looks on a background with the Hex color 90390D.

# 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**  
90390D

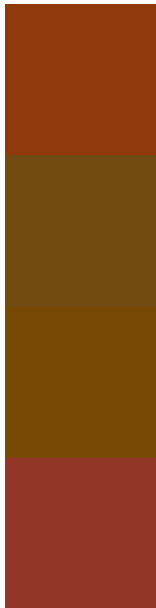
**Protanopia**  
605514

**Deuteranopia**  
6B5100



**Tritanopia**  
913538

# Trichromacy



**Original Color**  
90390D

**Protanomaly**  
714B11

**Deuteranomaly**  
784805

**Tritanomaly**  
913628

# Monochromacy



**Original Color**  
90390D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
664636

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90390D 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 #90390D looks like.

```
.text, #text, p{  
    color:#90390D  
}
```

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 #90390D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90390D }  
}
```

## Border

The CSS property to change the border of an element to Hex 90390D is called "border". The border property can be set on classes, ids or directly on the HTML element.

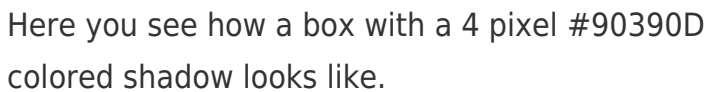
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #90390D }  
}
```

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

```
.border{ border-color:#90390D }
```

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



Here you see how a box with a 4 pixel #90390D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90390D; -webkit-box-shadow:4px 4px  
4px 4px #90390D; box-shadow:4px 4px 4px  
4px #90390D }
```

# Background

The CSS property to change the background color of an element to Hex 90390D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90390D }
```

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

```
.background{ background-color:#90390D }
```

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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