

# Converting Colors

Hex(90630B)

Have a look what the booklet for  
Hex(90630B) contains.

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**Color**

**Hex(90630B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	90630B
RGB	144, 99, 11
RGB Percent	56%, 39%, 4%
CMY	0.4353, 0.6118, 0.9569
CMYK	0.00, 0.31, 0.92, 0.44
HSL	40°, 86%, 30%
HSV	40°, 92%, 56%
XYZ	16.0238, 14.8771, 2.3436
YIQ	102.4230, 55.0680, -17.8280

# Conversions

## Conversions Part 2

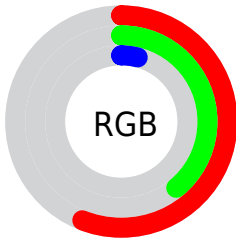
<b>Format</b>	<b>Color</b>
<b>RYB</b>	79, 144, 11
Decimal	9462539
CIELab	45.47, 11.28, 50.34
CIELCh	45, 51.589, 77.374
Yxy	14.8771, 0.4820, 0.4475
Android (android.graphics.Color)	4287652619 (0xFF90630B)
YUV	102.4230, -45.0715, 36.4630
Hunter-Lab	38.5709, 6.6568, 23.3971

# Details

The Hex color **90630B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B3890**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **CA9642**, and **593500** is the 20% darker color. If you saturate the color by 10%, you get **905F00**, and if you desaturate by 10%, it is **906819**.

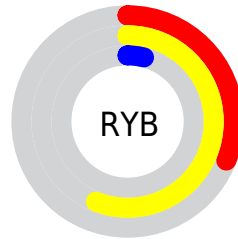
# Distribution



Red (56%)

Green (39%)

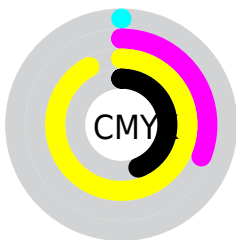
Blue (4%)



Red (31%)

Yellow (56%)

Blue (4%)

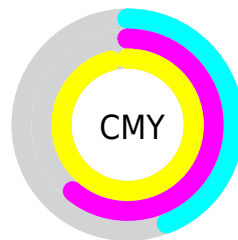


Cyan (0%)

Magenta (31%)

Yellow (92%)

Black (44%)



Cyan (44%)

Magenta (61%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90630B 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 90630B by changing the saturation by 10% instead.



 90630B

 90630B

FFFFFF

 744B00

 CA9642

 593500

 E8B05C

 3E2000

 FFCC76

 250A00

 FFE890

 000000

 FFFFAB

 FFFFC7

 FFFF E4

 90630B

 90630B

■ 905F00

■ 906819

■ 906D28

■ 907236

■ 907645

■ 907B53

■ 908061

■ 908570

■ 908A7E

■ 908F8D

# Harmonies

## Analogous

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



AC512D



90630B



697108

# Triad

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



90630B



008084



8D55A7

# Complementary

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



90630B



0B3890

# 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.



4668BE



90630B



007DAA

# Square

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



90630B



007F57



0076C0



B04480

# Rectangle

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



90630B



497820



0076C0



7B5BB1



# Sweetspot

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



90630B



BAA986



900B3A



5E533E



DEDEDE



5E5E5E



# Same Dimension

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



90630B



BA7B00



7C900B



474540



875900



080500



# Inverse Universe

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



0B3890



003FBA



1F0B90



404347



002E87

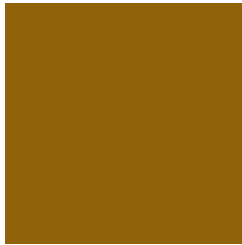


000308



# Previews

## White Background



This preview shows how the Hex color 90630B looks on a white background.

## Color Contrast Check

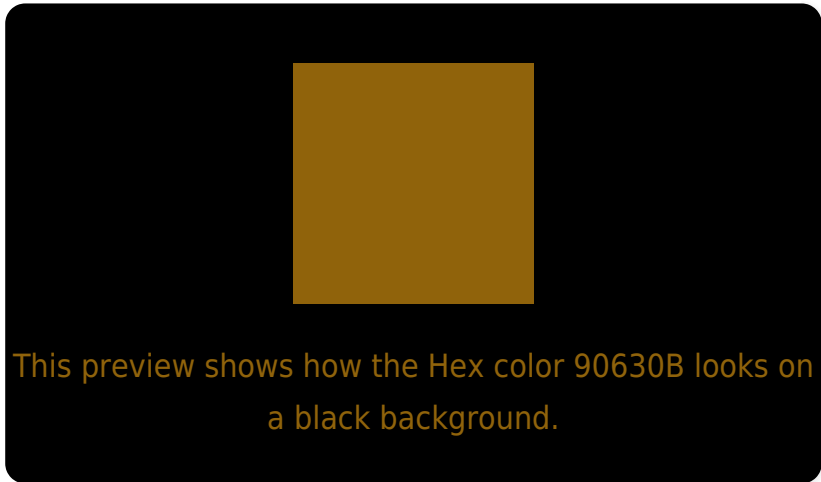
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 90630B Background



This preview shows how black text looks on a background with the Hex color 90630B.



This preview shows how white text looks on a background with the Hex color 90630B.

# 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**  
90630B

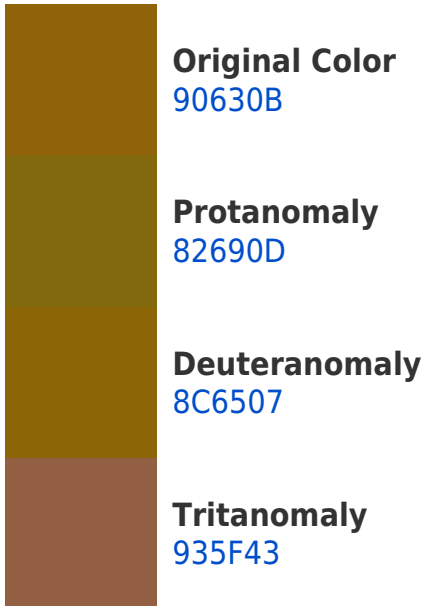
**Protanopia**  
7A6C0E

**Deuteranopia**  
896604

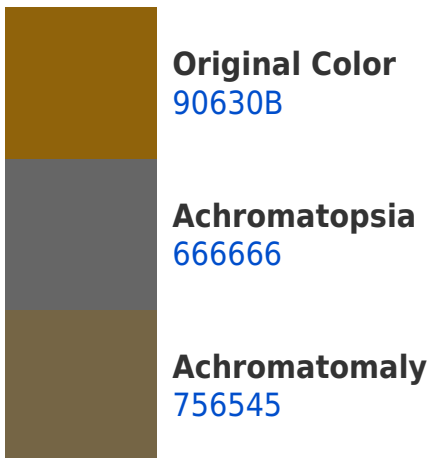


**Tritanopia**  
945C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90630B 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 #90630B looks like.

```
.text, #text, p{  
    color:#90630B  
}
```

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 #90630B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90630B
}
```

## Border

The CSS property to change the border of an element to Hex 90630B is called "border". The border property can be set on classes, ids or directly on the HTML element.

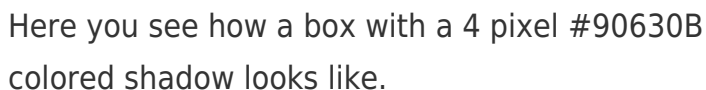
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#90630B }
```

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

```
.border{ border-color:#90630B }
```

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



Here you see how a box with a 4 pixel #90630B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90630B; -webkit-box-shadow:4px 4px  
4px 4px #90630B; box-shadow:4px 4px 4px  
4px #90630B }
```

# Background

The CSS property to change the background color of an element to Hex 90630B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90630B }
```

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

```
.background{ background-color:#90630B }
```

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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