

# Converting Colors

Hex(905809)

Have a look what the booklet for  
Hex(905809) contains.

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**Color**

**Hex(905809)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	905809
RGB	144, 88, 9
RGB Percent	56%, 35%, 4%
CMY	0.4353, 0.6549, 0.9647
CMYK	0.00, 0.39, 0.94, 0.44
HSL	35°, 88%, 30%
HSV	35°, 94%, 56%
XYZ	15.0406, 12.9285, 1.9612
YIQ	95.7380, 58.7350, -12.6970

# Conversions

## Conversions Part 2

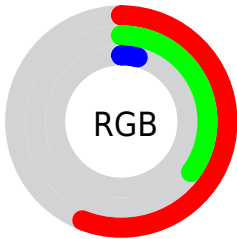
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 144, 9
Decimal	9459721
CIE <sub>Lab</sub>	42.66, 17.62, 48.70
CIE <sub>LCh</sub>	43, 51.793, 70.110
Yxy	12.9285, 0.5025, 0.4320
Android (android.graphics.Color)	4287649801 (0xFF905809)
YUV	95.7380, -42.7618, 42.3258
Hunter-Lab	35.9562, 11.7441, 21.9355

# Details

The Hex color **905809** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **094190**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CB8A3F**, and **582A00** is the 20% darker color. If you saturate the color by 10%, you get **905400**, and if you desaturate by 10%, it is **905E17**.

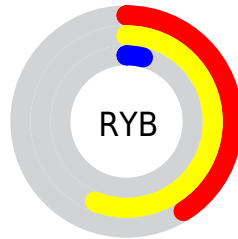
# Distribution



Red (56%)

Green (35%)

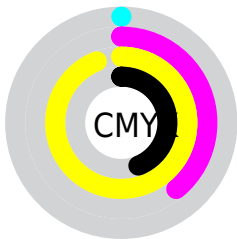
Blue (4%)



Red (41%)

Yellow (56%)

Blue (4%)

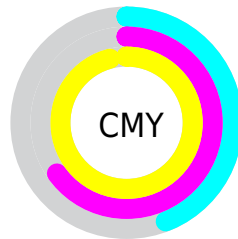


Cyan (0%)

Magenta (39%)

Yellow (94%)

Black (44%)



Cyan (44%)

Magenta (65%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 905809 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 905809 by changing the saturation by 10% instead.



 905809

 905809

FFFFFFD

 744100

 CB8A3F

 582A00

 E9A458

 3D1500

 FFC072

 250000

 FFDB8C

 000000

 FFF8A8

 FFFFC3

 FFFFEO

 905809

 905809

■ 905400

■ 905E17

■ 906426

■ 906A34

■ 907043

■ 907651

■ 907C5F

■ 90826E

■ 90887C

■ 908E8B

# Harmonies

## Analogous

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



A9452F



905809



6C6700

# Triad

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



905809



007872



7953A7

# Complementary

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



905809



094190

# 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.



1065B9



905809



00779B

# Square

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



905809



007746



0071B5



A23F83

# Rectangle

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



905809



4E6F0E



0071B5



6359AF



# Sweetspot

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



905809



BAA586



900941



5E513E



DEDEDE



5E5E5E



# Same Dimension

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



905809



BA6D00



859009



474440



874F00



080400



# Inverse Universe

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



094190



004DBA



140990



404347



003887



000308



# Previews

## White Background



This preview shows how the Hex color 905809 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 905809 Background



This preview shows how black text looks on a background with the Hex color 905809.



This preview shows how white text looks on a background with the Hex color 905809.

# 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**  
905809

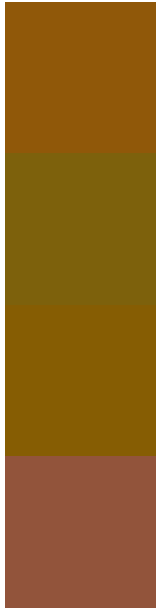
**Protanopia**  
72660E

**Deuteranopia**  
806000



**Tritanopia**  
935258

# Trichromacy



**Original Color**  
905809

**Protanomaly**  
7D610C

**Deuteranomaly**  
865D03

**Tritanomaly**  
92543B

# Monochromacy



**Original Color**  
905809

**Achromatopsia**  
606060

**Achromatomaly**  
715D40

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 905809 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 #905809 looks like.

```
.text, #text, p{  
    color:#905809  
}
```

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 #905809 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905809
}
```

## Border

The CSS property to change the border of an element to Hex 905809 is called "border". The border property can be set on classes, ids or directly on the HTML element.

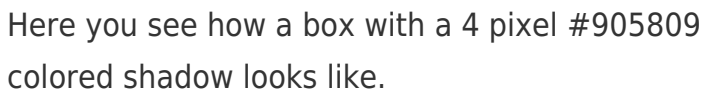
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#905809 }
```

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

```
.border{ border-color:#905809 }
```

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



Here you see how a box with a 4 pixel #905809 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905809; -webkit-box-shadow:4px 4px  
4px 4px #905809; box-shadow:4px 4px 4px  
4px #905809 }
```

# Background

The CSS property to change the background color of an element to Hex 905809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905809 }
```

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

```
.background{ background-color:#905809 }
```

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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