

# Converting Colors

Hex(905D20)

Have a look what the booklet for  
Hex(905D20) contains.

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**Color**

**Hex(905D20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	905D20
RGB	144, 93, 32
RGB Percent	56%, 36%, 13%
CMY	0.4353, 0.6353, 0.8745
CMYK	0.00, 0.35, 0.78, 0.44
HSL	33°, 64%, 35%
HSV	33°, 78%, 56%
XYZ	15.6767, 13.8623, 3.2159
YIQ	101.2950, 49.9770, -8.1590

# Conversions

## Conversions Part 2

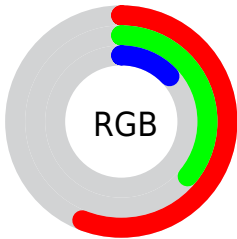
Format	Color
<a href="#">RYB</a>	<a href="#">126, 144, 32</a>
Decimal	<a href="#">9461024</a>
CIELab	<a href="#">44.03, 15.43, 41.69</a>
CIELCh	<a href="#">44, 44.451, 69.683</a>
Yxy	<a href="#">13.8623, 0.4786, 0.4232</a>
Android (android.graphics.Color)	<a href="#">4287651104 (0xFF905D20)</a>
YUV	<a href="#">101.2950, -34.1624, 37.4523</a>
Hunter-Lab	<a href="#">37.2321, 10.0017, 20.9413</a>

# Details

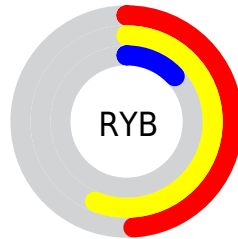
The Hex color **905D20** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **205390**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **CA8F51**, and **592F00** is the 20% darker color. If you saturate the color by 10%, you get **905612**, and if you desaturate by 10%, it is **90642E**.

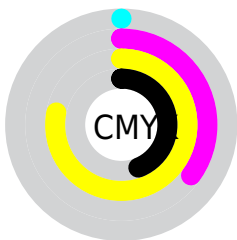
# Distribution



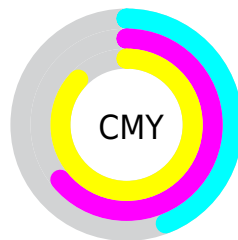
- Red (56%)
- Green (36%)
- Blue (13%)



- Red (49%)
- Yellow (56%)
- Blue (13%)



- Cyan (0%)
- Magenta (35%)
- Yellow (78%)
- Black (44%)



- Cyan (44%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 905D20 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 905D20 by changing the saturation by 10% instead.





905D20



905D20

FFFFFF



744505



CA8F51



592F00



E7AA6A



3E1A00



FFC583



260200



FFE19E



000000



FFFEB9



FFFFD5



FFFFF2



905D20



905D20

■ 905612

■ 90642E

■ 905003

■ 906A3D

■ 904E00

■ 90714B

■ 90775A

■ 907E68

■ 908476

■ 908B85

■ 909193

■ 9098A2

# Harmonies

## Analogous

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



A54E3B



905D20



706A18

# Triad

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



905D20



007A73



7A59A1

# Complementary

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



905D20



205390

# 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.



3468B1



905D20



007996

# Square

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



905D20



00784D



0073AD



9E4B83

# Rectangle

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



905D20



577123



0073AD



685EA8



# Sweetspot

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



905D20



BAA78F



902054



5E5244



DEDEDE



5E5E5E



# Same Dimension

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



905D20



BA6B0D



8C9020



474440



874A00



080400



# Inverse Universe

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



205390



0D5CBA



242090



404447



003E87



000308



# Previews

## White Background



This preview shows how the Hex color 905D20 looks on a white background.

## Color Contrast Check

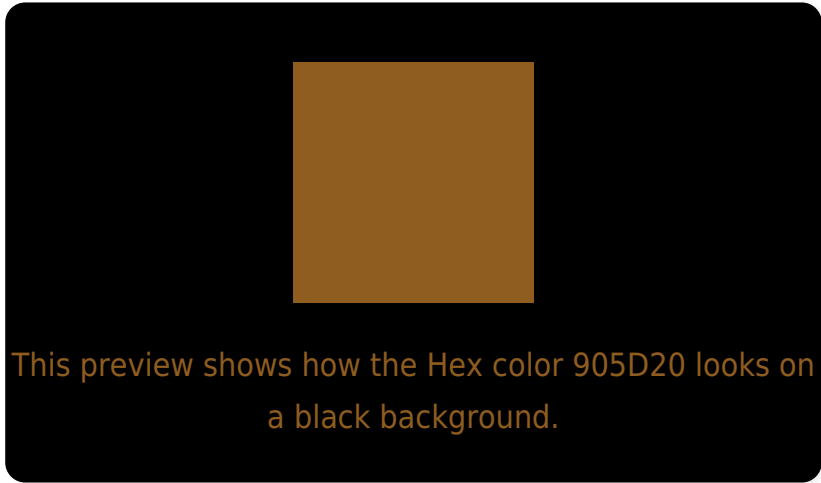
Large Text (above 18pt) WCAG AA ✓ Pass

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 905D20 Background



This preview shows how black text looks on a background with the Hex color 905D20.



This preview shows how white text looks on a background with the Hex color 905D20.

# 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**  
905D20

**Protanopia**  
756923

**Deuteranopia**  
83631E

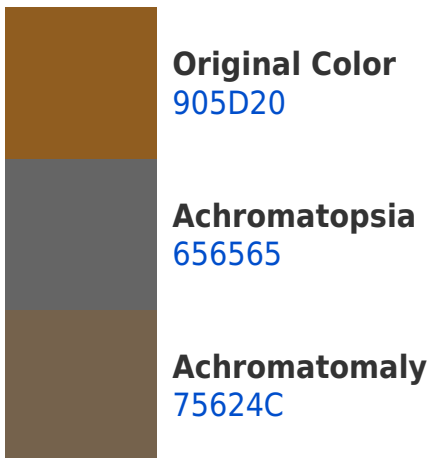


**Tritanopia**  
93575D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 905D20 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 #905D20 looks like.

```
.text, #text, p{  
    color:#905D20  
}
```

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 #905D20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905D20
}
```

## Border

The CSS property to change the border of an element to Hex 905D20 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
#905D20 }
```

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

```
.border{ border-color:#905D20 }
```

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

Here you see how a box with a 4 pixel #905D20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905D20; -webkit-box-shadow:4px 4px  
4px 4px #905D20; box-shadow:4px 4px 4px  
4px #905D20 }
```

# Background

The CSS property to change the background color of an element to Hex 905D20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905D20 }
```

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

```
.background{ background-color:#905D20 }
```

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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