

Converting Colors

Hex(905F2B)

Have a look what the booklet for
Hex(905F2B) contains.

Hex(905F2B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(905F2B)

Conversions

Conversions Part 1

Format	Color
Hex	905F2B
RGB	144, 95, 43
RGB Percent	56%, 37%, 17%
CMY	0.4353, 0.6275, 0.8314
CMYK	0.00, 0.34, 0.70, 0.44
HSL	31°, 54%, 37%
HSV	31°, 70%, 56%
XYZ	16.0299, 14.2881, 4.1985
YIQ	103.7230, 45.8960, -5.7840

Conversions

Conversions Part 2

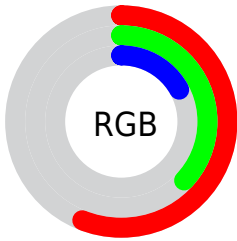
Format	Color
R_{YB}	138, 144, 43
Decimal	9461547
CIE _{Lab}	44.64, 14.86, 36.99
CIE _{LCh}	45, 39.861, 68.119
Yxy	14.2881, 0.4644, 0.4140
Android (android.graphics.Color)	4287651627 (0xFF905F2B)
YUV	103.7230, -29.9364, 35.3229
Hunter-Lab	37.7996, 9.5479, 19.8742

Details

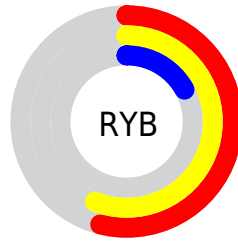
The Hex color **905F2B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2B5C90**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **C9925B**, and **5A3100** is the 20% darker color. If you saturate the color by 10%, you get **90581D**, and if you desaturate by 10%, it is **906639**.

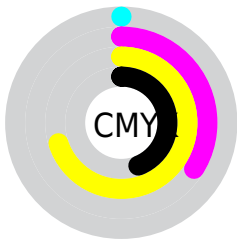
Distribution



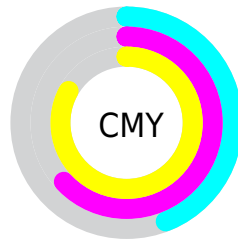
- Red (56%)
- Green (37%)
- Blue (17%)



- Red (54%)
- Yellow (56%)
- Blue (17%)



- Cyan (0%)
- Magenta (34%)
- Yellow (70%)
- Black (44%)



- Cyan (44%)
- Magenta (63%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 905F2B 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 905F2B by changing the saturation by 10% instead.



905F2B



905F2B

FFFFFF



744713



C9925B



5A3100



E6AC74



3F1B00



FFC78E



260500



FFE4A9



000000



FFFFC4



FFFFE1



FFFFFD



905F2B



905F2B

■ 90581D

■ 906639

■ 90510E

■ 906D48

■ 904A00

■ 907456

■ 907B65

■ 908273

■ 908981

■ 909090

■ 90979E

■ 909EAD

Harmonies

Analogous

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



A35342



905F2B



746B24

Triad

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



905F2B



007A72



785D9E

Complementary

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



905F2B



2B5C90

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.



3D6AAB



905F2B



007992

Square

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



905F2B



197850



0074A7



995183

Rectangle

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



905F2B



5D712C



0074A7



6862A4

Sweetspot

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



905F2B



BAA793



902B5E



5E5347



DEDEDE



5E5E5E

Same Dimension

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



905F2B



BA6E1E



90902B



474440



874600



080400

Inverse Universe

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



2B5C90



1E6ABA



2B2B90



404447



004287



000408

Previews

White Background



This preview shows how the Hex color 905F2B looks on a white background.

Color Contrast Check

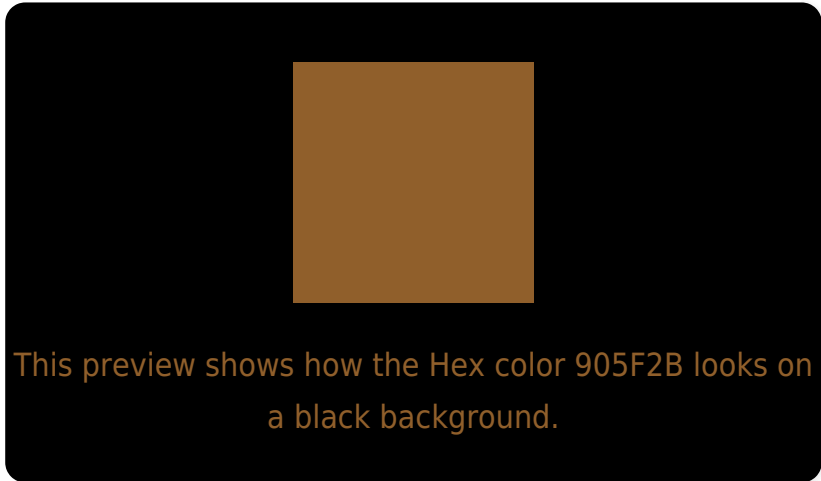
Large Text (above 18pt) WCAG AA ✓ Pass

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 905F2B Background



This preview shows how black text looks on a background with the Hex color 905F2B.



This preview shows how white text looks on a background with the Hex color 905F2B.

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
905F2B

Protanopia
766A2E

Deuteranopia
846529



Tritanopia
935960

Trichromacy



Original Color
905F2B

Protanomaly
7F662D

Deuteranomaly
88632A

Tritanomaly
925B4D

Monochromacy



Original Color
905F2B

Achromatopsia
686868

Achromatomaly
776552

CSS Examples

Text

The CSS property to change the color of the text to Hex 905F2B 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 #905F2B looks like.

```
.text, #text, p{  
    color:#905F2B  
}
```

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 #905F2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #905F2B  
}
```

Border

The CSS property to change the border of an element to Hex 905F2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

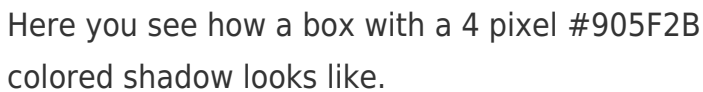
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#905F2B }
```

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

```
.border{ border-color:#905F2B }
```

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



Here you see how a box with a 4 pixel #905F2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #905F2B; -webkit-box-shadow:4px 4px  
4px 4px #905F2B; box-shadow:4px 4px 4px  
4px #905F2B }
```

Background

The CSS property to change the background color of an element to Hex 905F2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#905F2B }
```

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

```
.background{ background-color:#905F2B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor