

Converting Colors

Hex(00912D)

Have a look what the booklet for
Hex(00912D) contains.

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Color

Hex(00912D)

Conversions

Conversions Part 1

Format	Color
Hex	00912D
RGB	0, 145, 45
RGB Percent	0%, 57%, 18%
CMY	1.0000, 0.4314, 0.8235
CMYK	1.00, 0.00, 0.69, 0.43
HSL	139°, 100%, 28%
HSV	139°, 100%, 57%
XYZ	10.5991, 20.4403, 5.8694
YIQ	90.2450, -54.3200, -61.8400

Conversions

Conversions Part 2

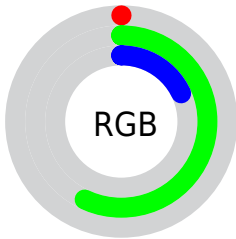
Format	Color
RYB	0, 111, 145
Decimal	37165
CIELab	52.33, -53.87, 42.26
CIELCh	52, 68.467, 141.884
Yxy	20.4403, 0.2872, 0.5538
Android (android.graphics.Color)	4278227245 (0xFF00912D)
YUV	90.2450, -22.3058, -79.1449
Hunter-Lab	45.2109, -37.2723, 23.9505

Details

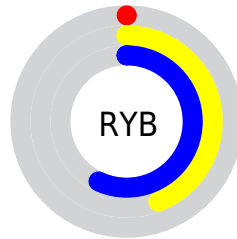
The Hex color **00912D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **910064**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **55C860**, and **005D00** is the 20% darker color. If you saturate the color by 10%, you get **00912D**, and if you desaturate by 10%, it is **0E9137**.

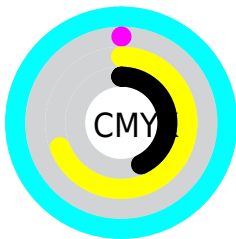
Distribution



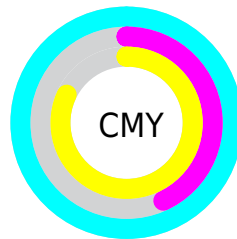
- Red (0%)
- Green (57%)
- Blue (18%)



- Red (0%)
- Yellow (44%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00912D 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 00912D by changing the saturation by 10% instead.

 00912D

 00912D

FFFFFF

 007712

 55C860

 005D00

 73E57A

 004400

 90FF94

 002E00

 ADFFB0

 000F00

 CBFCC

 000000

 E9FFE8

 00912D

 0E9137

 1D9141

 2C914B

 3A9155

 49915F

 579169

 669173

 74917D

 839187

Harmonies

Analogous

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



6E8700



00912D



00966A

Triad

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



00912D



0089F2



E23F55

Complementary

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



00912D



910064

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.



DC3C8F



00912D



5474EB

Square

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



00912D



0093D9



B357C6



CD5B1D

Rectangle

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



00912D



009793



B357C6



E43968

Sweetspot

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



00912D



84BD96



669100



3C5E47



DEDEDE



5E5E5E

Same Dimension

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



00912D



00BD3B



009174



404742



00872A



000802

Inverse Universe

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



910064



BD0082



91001D



474045



87005D



080005

Previews

White Background



This preview shows how the Hex color 00912D looks on a white background.

Color Contrast Check

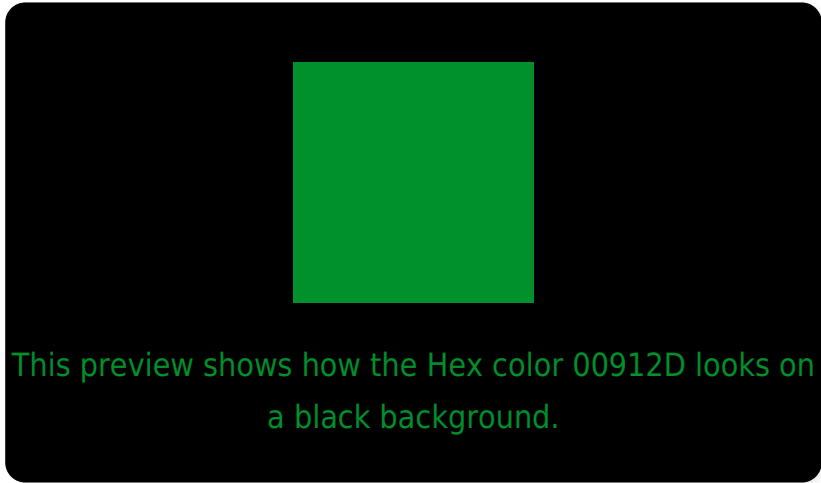
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00912D Background



This preview shows how black text looks on a background with the Hex color 00912D.



This preview shows how white text looks on a background with the Hex color 00912D.

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





Tritanopia
3B8792

Trichromacy



Original Color
00912D



Protanomaly
58842A



Deuteranomaly
628033



Tritanomaly
268B6D

Monochromacy



Original Color
00912D



Achromatopsia
5A5A5A



Achromatomaly
396E4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00912D 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 #00912D looks like.

```
.text, #text, p{  
    color:#00912D  
}
```

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 #00912D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00912D
}
```

Border

The CSS property to change the border of an element to Hex 00912D 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
#00912D }
```

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

```
.border{ border-color:#00912D }
```

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

Here you see how a box with a 4 pixel #00912D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00912D; -webkit-box-shadow:4px 4px  
4px 4px #00912D; box-shadow:4px 4px 4px  
4px #00912D }
```

Background

The CSS property to change the background color of an element to Hex 00912D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00912D }
```

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

```
.background{ background-color:#00912D }
```

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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