

# Converting Colors

Hex(06892D)

Have a look what the booklet for  
Hex(06892D) contains.

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**Color**

**Hex(06892D)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                |
|---------------|-----------------------------|
| Hex           | 06892D                      |
| RGB           | 6, 137, 45                  |
| RGB Percent   | 2%, 54%, 18%                |
| CMY           | 0.9765, 0.4627, 0.8235      |
| CMYK          | 0.96, 0.00, 0.67, 0.46      |
| HSL           | 138°, 92%, 28%              |
| HSV           | 138°, 96%, 54%              |
| XYZ           | 9.4944, 18.1195, 5.4796     |
| YIQ           | 87.3430, -48.5440, -56.3840 |

# Conversions

## Conversions Part 2

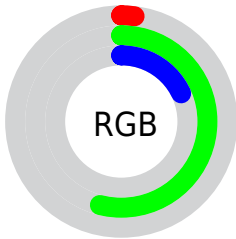
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 6, 107, 137                    |
| Decimal                             | 428333                         |
| CIELab                              | 49.64, -50.94, 39.33           |
| CIELCh                              | 50, 64.357, 142.326            |
| Yxy                                 | 18.1195, 0.2869,<br>0.5475     |
| Android<br>(android.graphics.Color) | 4278618413<br>(0xFF06892D)     |
| YUV                                 | 87.3430, -20.8751,<br>-71.3378 |
| Hunter-Lab                          | 42.5670, -34.6785,<br>22.1645  |

# Details

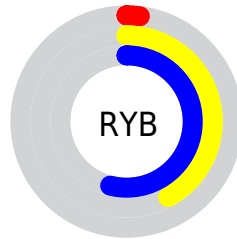
The Hex color **06892D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **890662**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **54C05F**, and **005500** is the 20% darker color. If you saturate the color by 10%, you get **008929**, and if you desaturate by 10%, it is **148937**.

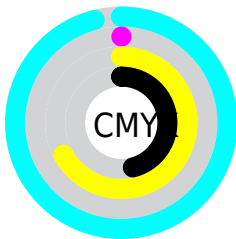
# Distribution



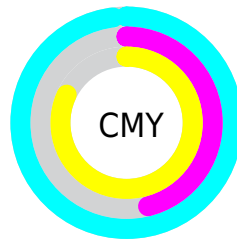
- Red (2%)
- Green (54%)
- Blue (18%)



- Red (2%)
- Yellow (42%)
- Blue (54%)



- Cyan (96%)
- Magenta (0%)
- Yellow (67%)
- Black (46%)



- Cyan (98%)
- Magenta (46%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 06892D 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 06892D by changing the saturation by 10% instead.



 06892D

 06892D

FFFFFF

 006F13

 54C05F

 005500

 71DC79

 003D00

 8EF993

 002700

 ABFFAE

 000000

 C8FFCA

 E6FFE7

 06892D

 06892D

 008929

 148937

 218940

 2F894A

 3D8953

 4B895D

 588967

 668970

 74897A

 818984

# Harmonies

## Analogous

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



677F00



06892D



008E66

# Triad

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



06892D



0081E3



D53E50

# Complementary

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



06892D



890662

# 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.



CF3B87



06892D



536EDC

# Square

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



06892D



008BCC



A953BA



C0571C

# Rectangle

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



06892D



008F8C



A953BA



D63962



# Sweetspot

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



06892D



7FB38E



648906



3A5943



D9D9D9



595959



# Same Dimension

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



06892D



00B335



06896D



3E4540



008527



000502



# Inverse Universe

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



890662



B3007D



890622



453E43



85005D



050004



# Previews

## White Background



This preview shows how the Hex color 06892D looks on a white background.

## Color Contrast Check

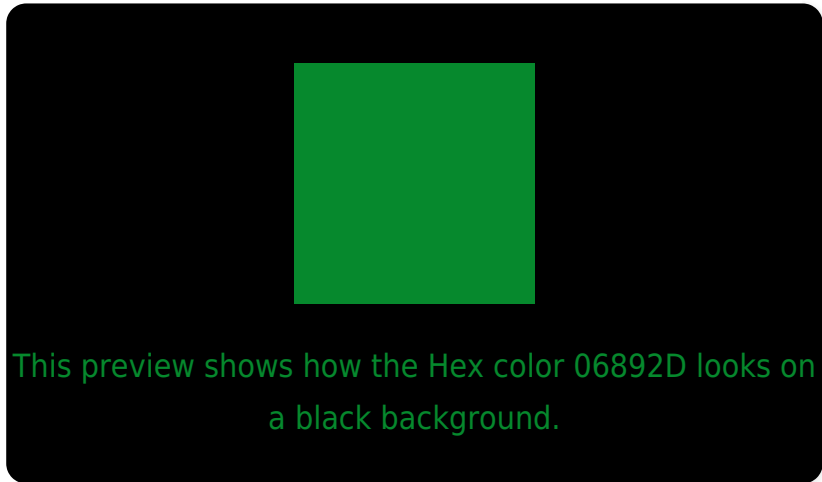
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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 06892D Background



This preview shows how black text looks on a background with the Hex color 06892D.



This preview shows how white text looks on a background with the Hex color 06892D.

# 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**  
06892D

**Protanopia**  
837628

**Deuteranopia**  
917035



**Tritanopia**  
38808A

# Trichromacy



**Original Color**  
06892D



**Protanomaly**  
567D2A



**Deuteranomaly**  
5E7932



**Tritanomaly**  
268368

# Monochromacy



**Original Color**  
06892D



**Achromatopsia**  
575757



**Achromatomaly**  
3A6948

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 06892D 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 #06892D looks like.

```
.text, #text, p{  
    color:#06892D  
}
```

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 #06892D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #06892D
}
```

## Border

The CSS property to change the border of an element to Hex 06892D 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
#06892D }
```

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

```
.border{ border-color:#06892D }
```

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

Here you see how a box with a 4 pixel #06892D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #06892D; -webkit-box-shadow:4px 4px  
4px 4px #06892D; box-shadow:4px 4px 4px  
4px #06892D }
```

# Background

The CSS property to change the background color of an element to Hex 06892D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#06892D }
```

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

```
.background{ background-color:#06892D }
```

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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