

# Converting Colors

Hex(0B642D)

Have a look what the booklet for  
Hex(0B642D) contains.

<b>Hex(0B642D)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(0B642D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0B642D
RGB	11, 100, 45
RGB Percent	4%, 39%, 18%
CMY	0.9569, 0.6078, 0.8235
CMYK	0.89, 0.00, 0.55, 0.61
HSL	143°, 80%, 22%
HSV	143°, 89%, 39%
XYZ	5.1688, 9.3750, 4.0197
YIQ	67.1190, -35.3890, -35.9730

# Conversions

## Conversions Part 2

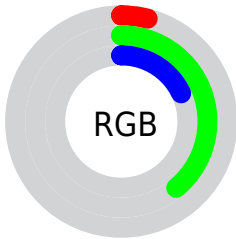
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 75, 100
Decimal	746541
CIELab	36.70, -37.71, 24.26
CIELCh	37, 44.838, 147.243
Yxy	9.3750, 0.2784, 0.5050
Android (android.graphics.Color)	4278936621 (0xFF0B642D)
YUV	67.1190, -10.9047, -49.2164
Hunter-Lab	30.6185, -23.4492, 13.6491

# Details

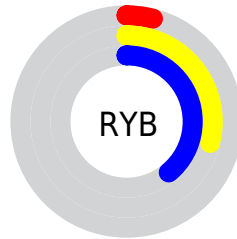
The Hex color **0B642D** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **640B42**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4A985C**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **016427**, and if you desaturate by 10%, it is **156433**.

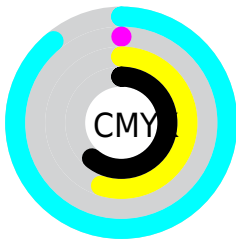
# Distribution



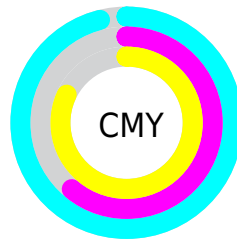
- Red (4%)
- Green (39%)
- Blue (18%)



- Red (4%)
- Yellow (29%)
- Blue (39%)



- Cyan (89%)
- Magenta (0%)
- Yellow (55%)
- Black (61%)



- Cyan (96%)
- Magenta (61%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0B642D 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 0B642D by changing the saturation by 10% instead.



 0B642D

 0B642D

FFFFFF

 004B17

 4A985C

 003400

 64B375

 001F00

 7FCF8F

 000000

 9BEBAA

 B7FFC5

 D3FFE1

 F1FFFE

 0B642D

 0B642D

■ 016427

■ 156433

■ 006426

■ 1F6439

■ 296440

■ 336446

■ 3D644C

■ 476452

■ 516458

■ 5B645E

■ 656465

# Harmonies

## Analogous

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



485E0C



0B642D



006752

# Triad

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



0B642D



005C9F



953738

# Complementary

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



0B642D



640B42

# 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.



94325B



0B642D



4F4E97

# Square

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



0B642D



006493



7E3E7E



864518

# Rectangle

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



0B642D



00676B



7E3E7E



973343



# Sweetspot

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



0B642D



5F826C



43640B



2D4235



C2C2C2



424242



# Same Dimension

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



0B642D



008232



0B6458



2E3330



00732C



00F25D



# Inverse Universe

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



640B42



820050



640B17



332E31



730047



F20096



# Previews

## White Background



This preview shows how the Hex color 0B642D looks on a white background.

## Color Contrast Check

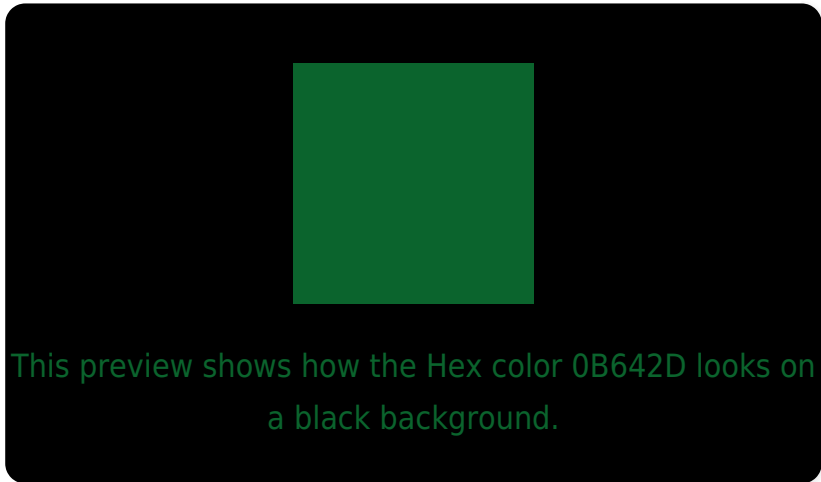
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 0B642D Background



This preview shows how black text looks on a background with the Hex color 0B642D.



This preview shows how white text looks on a background with the Hex color 0B642D.

# 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**  
0B642D

**Protanopia**  
5F5629

**Deuteranopia**  
695232



**Tritanopia**  
285E66

# Trichromacy



**Original Color**  
0B642D



**Protanomaly**  
405B2A



**Deuteranomaly**  
475930



**Tritanomaly**  
1D6051

# Monochromacy



**Original Color**  
0B642D



**Achromatopsia**  
434343



**Achromatomaly**  
2F4F3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0B642D 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 #0B642D looks like.

```
.text, #text, p{  
    color:#0B642D  
}
```

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 #0B642D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B642D
}
```

## Border

The CSS property to change the border of an element to Hex 0B642D 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
#0B642D }
```

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

```
.border{ border-color:#0B642D }
```

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

Here you see how a box with a 4 pixel #0B642D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B642D; -webkit-box-shadow:4px 4px  
4px 4px #0B642D; box-shadow:4px 4px 4px  
4px #0B642D }
```

# Background

The CSS property to change the background color of an element to Hex 0B642D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B642D }
```

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

```
.background{ background-color:#0B642D }
```

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