

# Converting Colors

Hex(0A6333)

Have a look what the booklet for  
Hex(0A6333) contains.

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**Color**

**Hex(0A6333)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0A6333
RGB	10, 99, 51
RGB Percent	4%, 39%, 20%
CMY	0.9608, 0.6118, 0.8000
CMYK	0.90, 0.00, 0.48, 0.61
HSL	148°, 82%, 21%
HSV	148°, 90%, 39%
XYZ	5.1846, 9.2272, 4.6397
YIQ	66.9170, -37.6360, -33.7960

# Conversions

## Conversions Part 2

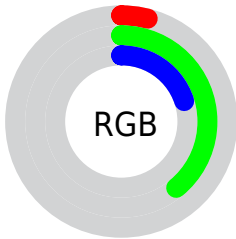
<b>Format</b>	<b>Color</b>
<b>RYB</b>	10, 71, 99
Decimal	680755
CIELab	36.42, -36.32, 20.52
CIELCh	36, 41.712, 150.532
Yxy	9.2272, 0.2721, 0.4843
Android (android.graphics.Color)	4278870835 (0xFF0A6333)
YUV	66.9170, -7.8471, -49.9162
Hunter-Lab	30.3764, -22.6927, 12.2074

# Details

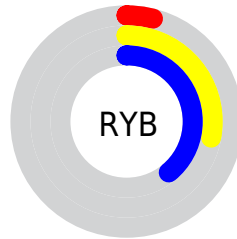
The Hex color **0A6333** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **630A3A**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **499762**, and **003306** is the 20% darker color. If you saturate the color by 10%, you get **00632E**, and if you desaturate by 10%, it is **146338**.

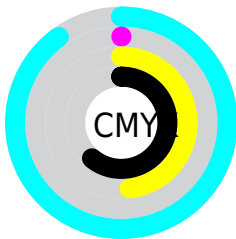
# Distribution



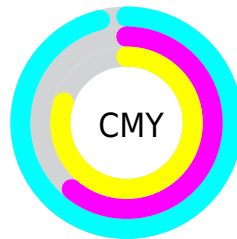
- Red (4%)
- Green (39%)
- Blue (20%)



- Red (4%)
- Yellow (28%)
- Blue (39%)



- Cyan (90%)
- Magenta (0%)
- Yellow (48%)
- Black (61%)



- Cyan (96%)
- Magenta (61%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0A6333 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 0A6333 by changing the saturation by 10% instead.



 0A6333

 0A6333

FFFFFF

 004A1D

 499762

 003306

 63B27B

 001E00

 7ECE95

 000000

 9AEAB0

 B6FFCC

 D2FFE8

 EFFFFFF

 0A6333

 0A6333

■ 00632E

■ 146338

■ 1E633E

■ 286343

■ 326348

■ 3C634E

■ 456353

■ 4F6358

■ 59635E

■ 636363

# Harmonies

## Analogous

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



455E16



0A6333



006555

# Triad

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



0A6333



005999



903A36

# Complementary

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



0A6333



630A3A

# 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.



913556



0A6333



564D90

# Square

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



0A6333



006190



7E3E77



80471A

# Rectangle

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



0A6333



00666C



7E3E77



923740



# Sweetspot

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



0A6333



5D806D



3B630A



2B4035



BFBFBF



404040



# Same Dimension

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



0A6333



00803B



0A635F



2C302E



007034



00F06E



# Inverse Universe

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



630A3A



800045



630A0E



302C2E



70003D

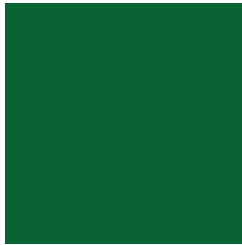


F00081



# Previews

## White Background



This preview shows how the Hex color 0A6333 looks on a white background.

## Color Contrast Check

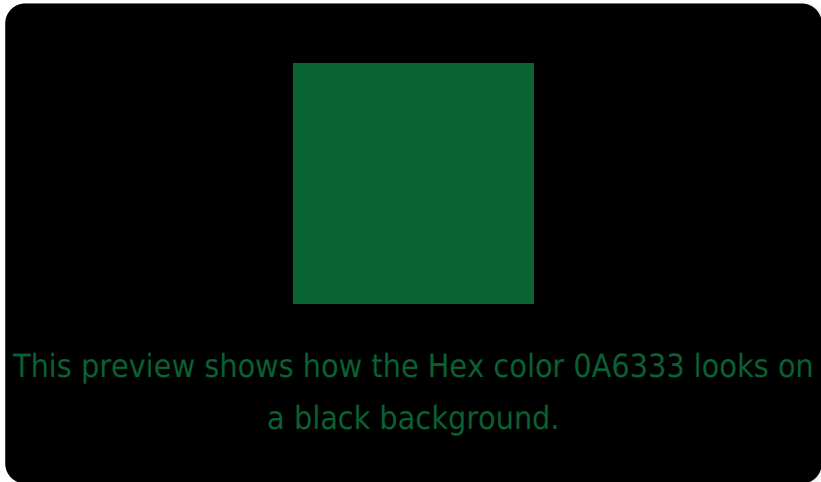
Large Text (above 18pt) WCAG AA ✓ Pass

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 0A6333 Background



This preview shows how black text looks on a background with the Hex color 0A6333.



This preview shows how white text looks on a background with the Hex color 0A6333.

# 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**  
0A6333

**Protanopia**  
5E562E

**Deuteranopia**  
675237



**Tritanopia**  
275D65

# Trichromacy



**Original Color**  
0A6333

**Protanomaly**  
3F5B30

**Deuteranomaly**  
455836

**Tritanomaly**  
1C5F53

# Monochromacy



**Original Color**  
0A6333

**Achromatopsia**  
434343

**Achromatomaly**  
2E4F3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0A6333 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 #0A6333 looks like.

```
.text, #text, p{  
    color:#0A6333  
}
```

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 #0A6333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0A6333
}
```

## Border

The CSS property to change the border of an element to Hex 0A6333 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
#0A6333 }
```

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

```
.border{ border-color:#0A6333 }
```

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

Here you see how a box with a 4 pixel #0A6333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0A6333; -webkit-box-shadow:4px 4px  
4px 4px #0A6333; box-shadow:4px 4px 4px  
4px #0A6333 }
```

# Background

The CSS property to change the background color of an element to Hex 0A6333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0A6333 }
```

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

```
.background{ background-color:#0A6333 }
```

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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