

# Converting Colors

Hex(01601A)

Have a look what the booklet for  
Hex(01601A) contains.

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**Color**

**Hex(01601A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01601A
RGB	1, 96, 26
RGB Percent	0%, 38%, 10%
CMY	0.9961, 0.6235, 0.8980
CMYK	0.99, 0.00, 0.73, 0.62
HSL	136°, 98%, 19%
HSV	136°, 99%, 38%
XYZ	4.3818, 8.4468, 2.3767
YIQ	59.6150, -34.1500, -41.9100

# Conversions

## Conversions Part 2

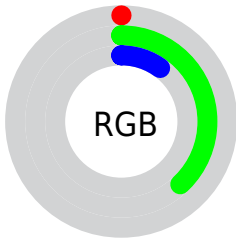
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 76, 96
Decimal	90138
CIELab	34.90, -40.10, 31.86
CIELCh	35, 51.213, 141.532
Yxy	8.4468, 0.2882, 0.5555
Android (android.graphics.Color)	4278280218 (0xFF01601A)
YUV	59.6150, -16.5722, -51.4054
Hunter-Lab	29.0633, -23.9486, 15.4958

# Details

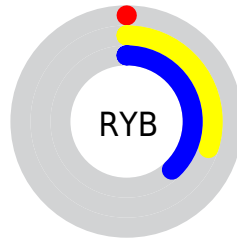
The Hex color **01601A** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **600147**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **45944A**, and **003000** is the 20% darker color. If you saturate the color by 10%, you get **006019**, and if you desaturate by 10%, it is **0B6021**.

# Distribution



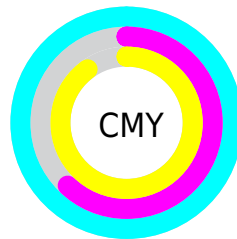
- Red (0%)
- Green (38%)
- Blue (10%)



- Red (0%)
- Yellow (30%)
- Blue (38%)



- Cyan (99%)
- Magenta (0%)
- Yellow (73%)
- Black (62%)




- Cyan (100%)
- Magenta (62%)
- Yellow (90%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 01601A 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 01601A by changing the saturation by 10% instead.



 01601A

 01601A

FFFFFF

 004801

 45944A

 003000

 60AF62

 001A00

 7CCA7C


 000000


 97E796

 B3FFB1

 D0FFCD

 EDFFE9

 01601A

 01601A

■ 006019

■ 0B6021

■ 146028

■ 1E602F

■ 276036

■ 31603D

■ 3B6044

■ 44604C

■ 4E6053

■ 57605A

# Harmonies

## Analogous

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



485900



01601A



006345

# Triad

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



01601A



005AA3



992737

# Complementary

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



01601A



600147

# 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.



94255F



01601A



344C9F

# Square

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



01601A



006292



773885



8A3A10

# Rectangle

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



01601A



006461



773885



9A2344



# Sweetspot

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



01601A



577D61



486001



29402F



BFBFBF



404040



# Same Dimension

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



01601A



007D21



016048



2C302D



00701E



00F03F



# Inverse Universe

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



600147



7D005C



600119



302C2F



700053

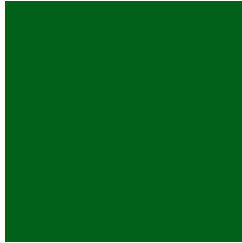


F000B1



# Previews

## White Background



This preview shows how the Hex color 01601A looks on a white background.

## Color Contrast Check

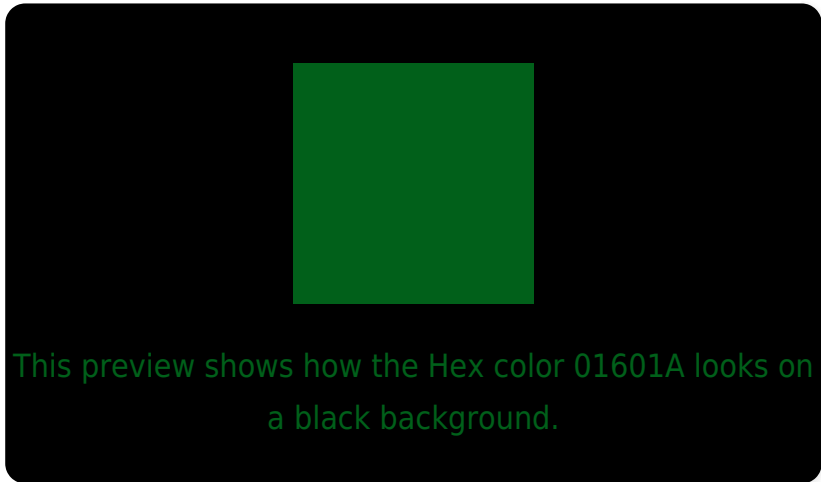
Large Text (above 18pt) WCAG AA ✓ Pass

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

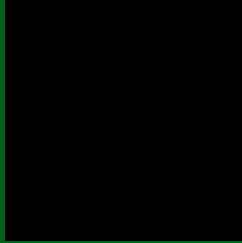
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 01601A Background



This preview shows how black text looks on a background with the Hex color 01601A.



This preview shows how white text looks on a background with the Hex color 01601A.

# 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](#).

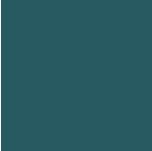
## Dichromacy



**Original Color**  
01601A

**Protanopia**  
5C5216

**Deuteranopia**  
664E21



**Tritanopia**  
275A61

# Trichromacy



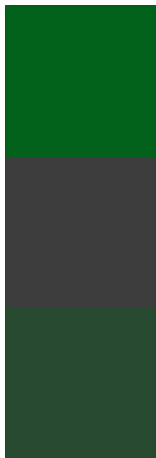
**Original Color**  
01601A

**Protanomaly**  
3B5717

**Deuteranomaly**  
41551E

**Tritanomaly**  
195C47

# Monochromacy



**Original Color**  
01601A

**Achromatopsia**  
3C3C3C

**Achromatomaly**  
274930

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01601A 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 #01601A looks like.

```
.text, #text, p{  
    color:#01601A  
}
```

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 #01601A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01601A
}
```

## Border

The CSS property to change the border of an element to Hex 01601A 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
#01601A }
```

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

```
.border{ border-color:#01601A }
```

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

Here you see how a box with a 4 pixel #01601A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01601A; -webkit-box-shadow:4px 4px  
4px 4px #01601A; box-shadow:4px 4px 4px  
4px #01601A }
```

# Background

The CSS property to change the background color of an element to Hex 01601A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01601A }
```

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

```
.background{ background-color:#01601A }
```

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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