

Converting Colors

Hex(07A436)

Have a look what the booklet for
Hex(07A436) contains.

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Color

Hex(07A436)

Conversions

Conversions Part 1

Format	Color
Hex	07A436
RGB	7, 164, 54
RGB Percent	3%, 64%, 21%
CMY	0.9725, 0.3569, 0.7882
CMYK	0.96, 0.00, 0.67, 0.36
HSL	138°, 92%, 34%
HSV	138°, 96%, 64%
XYZ	14.0289, 26.8624, 7.9356
YIQ	104.5170, -58.2620, -67.4940

Conversions

Conversions Part 2

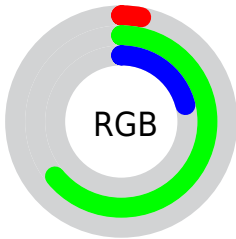
Format	Color
RYB	7, 128, 164
Decimal	500790
CIELab	58.85, -58.38, 45.50
CIELCh	59, 74.016, 142.063
Yxy	26.8624, 0.2873, 0.5502
Android (android.graphics.Color)	4278690870 (0xFF07A436)
YUV	104.5170, -24.9049, -85.5224
Hunter-Lab	51.8290, -42.3848, 27.2023

Details

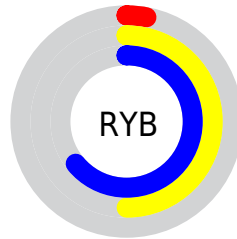
The Hex color **07A436** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A40775**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **5DDC6A**, and **006E00** is the 20% darker color. If you saturate the color by 10%, you get **00A431**, and if you desaturate by 10%, it is **17A441**.

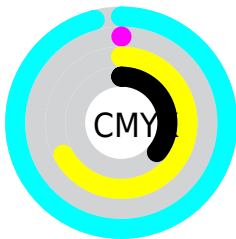
Distribution



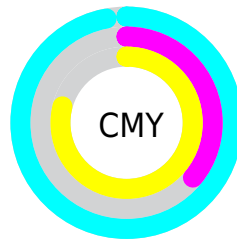
- Red (3%)
- Green (64%)
- Blue (21%)



- Red (3%)
- Yellow (50%)
- Blue (64%)



- Cyan (96%)
- Magenta (0%)
- Yellow (67%)
- Black (36%)



- Cyan (97%)
- Magenta (36%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 07A436 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 07A436 by changing the saturation by 10% instead.



07A436



07A436

FFFFFF



00891B



5DDC6A



006E00



7BF984



005500



99FF9F



003C00



B7FFBB



002500



D5FFD7



000000



F3FFF4



07A436



07A436



00A431



17A441

 28A44D

 38A458

 49A464

 59A46F

 69A47B

 7AA486

 8AA492

 9BA49D

Harmonies

Analogous

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



7D9900



07A436



00A97A

Triad

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



07A436



009BFF



FE4A61

Complementary

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



07A436



A40775

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.



F746A2



07A436



6284FF

Square

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



07A436



00A7F4



CA64DE



E66823

Rectangle

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



07A436



00ABA7



CA64DE



FF4476

Sweetspot

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



07A436



98D6AB



78A407



466B51



EBEBEB



6B6B6B

Same Dimension

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



07A436



00D640



07A482



49524C



00912C



001205

Inverse Universe

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



A40775



D60096



A40729



52494F



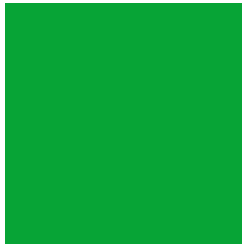
910066



12000D

Previews

White Background



This preview shows how the Hex color 07A436 looks on a white background.

Color Contrast Check

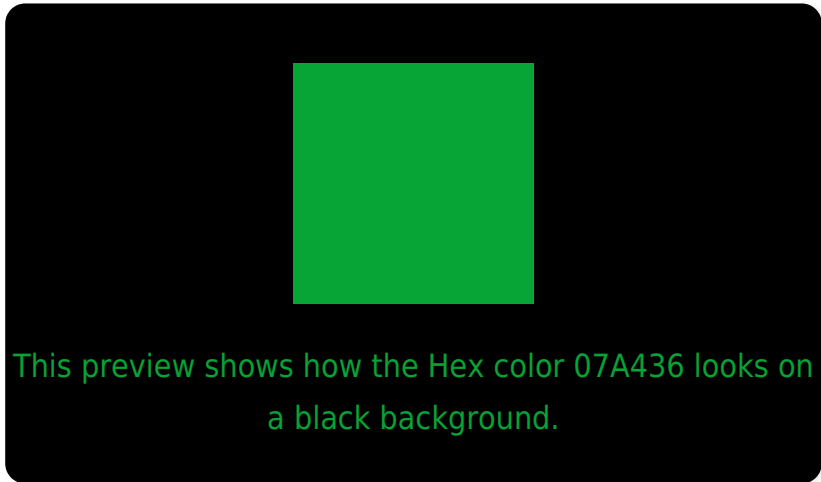
Large Text (above 18pt) WCAG AA ✓ Pass

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 07A436 Background



This preview shows how black text looks on a background with the Hex color 07A436.



This preview shows how white text looks on a background with the Hex color 07A436.

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
07A436

Protanopia
9D8D30

Deuteranopia
AE8640



Tritanopia
4399A6

Trichromacy



Original Color
07A436



Protanomaly
669532



Deuteranomaly
71913C



Tritanomaly
2D9D7D

Monochromacy



Original Color
07A436



Achromatopsia
696969



Achromatomaly
457E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 07A436 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 #07A436 looks like.

```
.text, #text, p{  
    color:#07A436  
}
```

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 #07A436 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #07A436
}
```

Border

The CSS property to change the border of an element to Hex 07A436 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
#07A436 }
```

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

```
.border{ border-color:#07A436 }
```

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

Here you see how a box with a 4 pixel #07A436 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #07A436; -webkit-box-shadow:4px 4px  
4px 4px #07A436; box-shadow:4px 4px 4px  
4px #07A436 }
```

Background

The CSS property to change the background color of an element to Hex 07A436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#07A436 }
```

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

```
.background{ background-color:#07A436 }
```

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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