

# Converting Colors

Hex(3A6006)

Have a look what the booklet for  
Hex(3A6006) contains.

<b>Hex(3A6006)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(3A6006)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A6006
RGB	58, 96, 6
RGB Percent	23%, 38%, 2%
CMY	0.7725, 0.6235, 0.9765
CMYK	0.40, 0.00, 0.94, 0.62
HSL	85°, 88%, 20%
HSV	85°, 94%, 38%
XYZ	5.9607, 9.2784, 1.6491
YIQ	74.3780, 6.2420, -36.0460

# Conversions

## Conversions Part 2

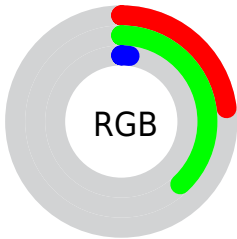
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 96, 44
Decimal	3825670
CIELab	36.51, -27.71, 41.06
CIElCh	37, 49.534, 124.011
Yxy	9.2784, 0.3529, 0.5494
Android (android.graphics.Color)	4282015750 (0xFF3A6006)
YUV	74.3780, -33.7104, -14.3635
Hunter-Lab	30.4605, -18.3761, 18.1126

# Details

The Hex color **3A6006** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2C0660**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6D933C**, and **043100** is the 20% darker color. If you saturate the color by 10%, you get **376000**, and if you desaturate by 10%, it is **3E6010**.

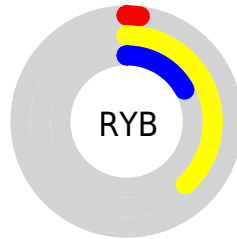
# Distribution



Red (23%)

Green (38%)

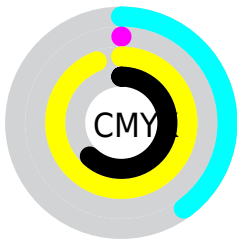
Blue (2%)



Red (2%)

Yellow (38%)

Blue (17%)

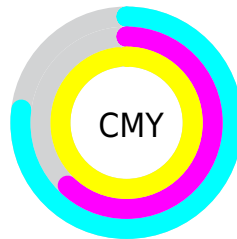


Cyan (40%)

Magenta (0%)

Yellow (94%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A6006 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 3A6006 by changing the saturation by 10% instead.



 3A6006

 3A6006

 FFFFF8

 214800

 6D933C

 043100

 88AE55

 001F00

 A3C96E

 000000

 BFE589

 DBFFA4

 F8FFBF

 FFFFDB

 3A6006

 3A6006

■ 376000

■ 3E6010

■ 426019

■ 466023

■ 4A602C

■ 4E6036

■ 526040

■ 566049

■ 5A6053

■ 5E605C

# Harmonies

## Analogous

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



635600



3A6006



006631

# Triad

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



3A6006



00639D



9B2A52

# Complementary

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



3A6006



2C0660

# 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.



89357A



3A6006



0059A6

# Square

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



3A6006



006782



5C4998



98342C

# Rectangle

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



3A6006



00674C



5C4998



982C60



# Sweetspot

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



3A6006



6E7D5A



602C06



37402A



BFBFBF



404040



# Same Dimension

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



3A6006



487D00



0E6006



2E302C



417000



8AF000



# Inverse Universe

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



2C0660



35007D



580660



2E2C30



2F0070

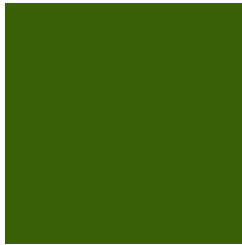


6500F0



# Previews

## White Background



This preview shows how the Hex color 3A6006 looks on a white background.

## Color Contrast Check

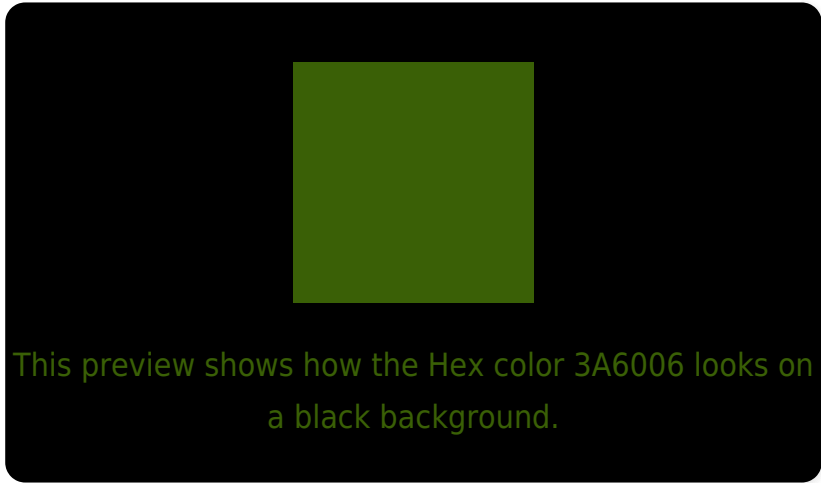
Large Text (above 18pt) WCAG AA ✓ Pass

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 3A6006 Background



This preview shows how black text looks on a background with the Hex color 3A6006.



This preview shows how white text looks on a background with the Hex color 3A6006.

# 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](#).

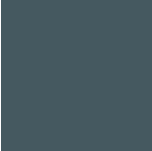
## Dichromacy



**Original Color**  
3A6006

**Protanopia**  
615600

**Deuteranopia**  
6C5114



**Tritanopia**  
455960

# Trichromacy



**Original Color**  
3A6006

**Protanomaly**  
535A02

**Deuteranomaly**  
5A560F

**Tritanomaly**  
415C3F

# Monochromacy



**Original Color**  
3A6006

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
445231

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A6006 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 #3A6006 looks like.

```
.text, #text, p{  
    color:#3A6006  
}
```

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 #3A6006 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6006
}
```

## Border

The CSS property to change the border of an element to Hex 3A6006 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".

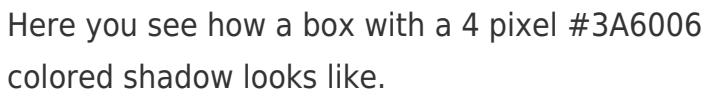
```
.border, #border, table{ border:4px solid
#3A6006 }
```

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

```
.border{ border-color:#3A6006 }
```

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

Here you see how a box with a 4 pixel #3A6006 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6006; -webkit-box-shadow:4px 4px  
4px 4px #3A6006; box-shadow:4px 4px 4px  
4px #3A6006 }
```

# Background

The CSS property to change the background color of an element to Hex 3A6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6006 }
```

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

```
.background{ background-color:#3A6006 }
```

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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