

# Converting Colors

Hex(3A6800)

Have a look what the booklet for  
Hex(3A6800) contains.

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**Color**

**Hex(3A6800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3A6800
RGB	58, 104, 0
RGB Percent	23%, 41%, 0%
CMY	0.7725, 0.5922, 1.0000
CMYK	0.44, 0.00, 1.00, 0.59
HSL	87°, 100%, 20%
HSV	87°, 100%, 41%
XYZ	6.6952, 10.8002, 1.7318
YIQ	78.3900, 5.9680, -42.0960

# Conversions

## Conversions Part 2

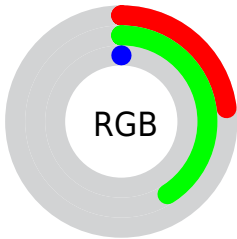
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 104, 46
Decimal	3827712
CIELab	39.24, -31.61, 44.95
CIELCh	39, 54.953, 125.121
Yxy	10.8002, 0.3482, 0.5617
Android (android.graphics.Color)	4282017792 (0xFF3A6800)
YUV	78.3900, -38.6463, -17.8820
Hunter-Lab	32.8636, -21.1459, 19.8802

# Details

The Hex color **3A6800** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2E0068**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **6E9C3A**, and **003800** is the 20% darker color. If you saturate the color by 10%, you get **3A6800**, and if you desaturate by 10%, it is **3F680A**.

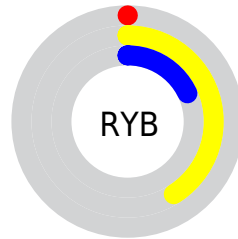
# Distribution



Red (23%)

Green (41%)

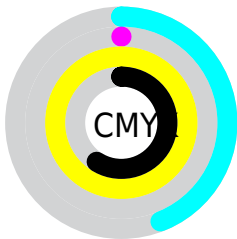
Blue (0%)



Red (0%)

Yellow (41%)

Blue (18%)

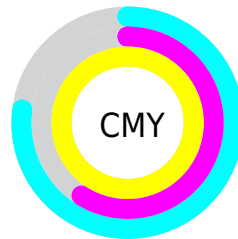


Cyan (44%)

Magenta (0%)

Yellow (100%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3A6800 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 3A6800 by changing the saturation by 10% instead.



 3A6800

 3A6800

 FFFFF8

 205000

 6E9C3A

 003800

 89B754

 002400

 A5D26D

 000000

 C1EF88

 DDFFA3

 FBFFBF

 FFFFDB

 3A6800

 3F680A

 436815

 48681F

 4C682A

 516834

 56683E

 5A6849

 5F6853

 63685E

# Harmonies

## Analogous

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



695D00



3A6800



006E34

# Triad

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



3A6800



006BAE



AA2957

# Complementary

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



3A6800



2E0068

# 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.



973583



3A6800



0060B6

# Square

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



3A6800



00708F



654DA6



A5362B

# Rectangle

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



3A6800



007053



654DA6



A72A66



# Sweetspot

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



3A6800



75875F



682D00



3A452C



C4C4C4



454545



# Same Dimension

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



3A6800



4B8700



076800



31332E



407300



87F200



# Inverse Universe

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



2E0068



3C0087



610068



302E33



330073



6B00F2



# Previews

## White Background



This preview shows how the Hex color 3A6800 looks on a white background.

## Color Contrast Check

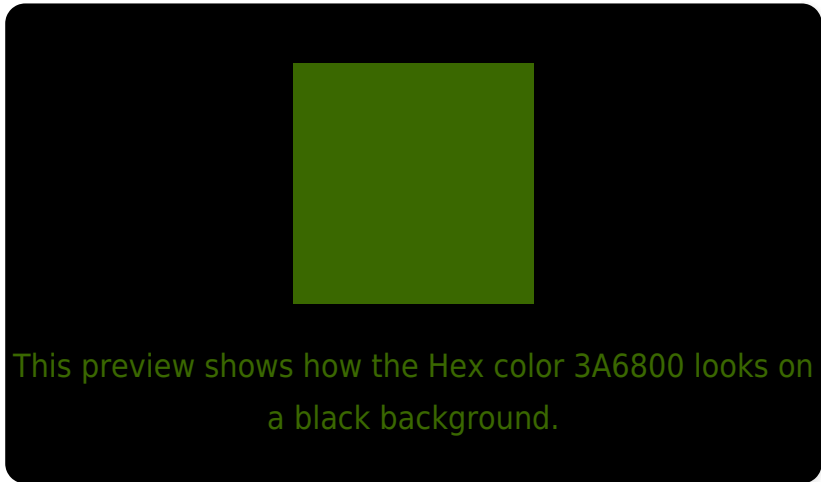
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black 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

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



## Hex 3A6800 Background



This preview shows how black text looks on a background with the Hex color 3A6800.



This preview shows how white text looks on a background with the Hex color 3A6800.

# 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**  
3A6800

**Protanopia**  
685C00

**Deuteranopia**  
745715



**Tritanopia**  
476168

# Trichromacy



**Original Color**  
3A6800

**Protanomaly**  
576000

**Deuteranomaly**  
5F5D0D

**Tritanomaly**  
426442

# Monochromacy



**Original Color**  
3A6800

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
475732

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3A6800 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 #3A6800 looks like.

```
.text, #text, p{  
    color:#3A6800  
}
```

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 #3A6800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A6800
}
```

## Border

The CSS property to change the border of an element to Hex 3A6800 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".

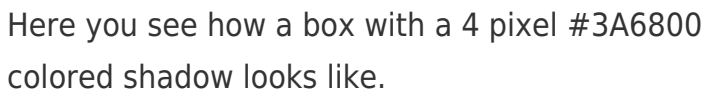
```
.border, #border, table{ border:4px solid
#3A6800 }
```

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

```
.border{ border-color:#3A6800 }
```

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

Here you see how a box with a 4 pixel #3A6800 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A6800; -webkit-box-shadow:4px 4px  
4px 4px #3A6800; box-shadow:4px 4px 4px  
4px #3A6800 }
```

# Background

The CSS property to change the background color of an element to Hex 3A6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A6800 }
```

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

```
.background{ background-color:#3A6800 }
```

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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