

# Converting Colors

Hex(3C6100)

Have a look what the booklet for  
Hex(3C6100) contains.

<b>Hex(3C6100)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3C6100)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3C6100
RGB	60, 97, 0
RGB Percent	24%, 38%, 0%
CMY	0.7647, 0.6196, 1.0000
CMYK	0.38, 0.00, 1.00, 0.62
HSL	83°, 100%, 19%
HSV	83°, 100%, 38%
XYZ	6.1382, 9.5100, 1.5121
YIQ	74.8790, 9.0850, -38.0110

# Conversions

## Conversions Part 2

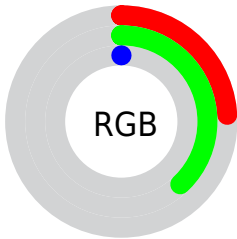
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 97, 37</a>
Decimal	<a href="#">3956992</a>
CIELab	<a href="#">36.95, -27.62, 43.22</a>
CIELCh	<a href="#">37, 51.291, 122.585</a>
Yxy	<a href="#">9.5100, 0.3577, 0.5542</a>
Android (android.graphics.Color)	<a href="#">4282147072 (0xFF3C6100)</a>
YUV	<a href="#">74.8790, -36.9153, -13.0489</a>
Hunter-Lab	<a href="#">30.8384, -18.4379, 18.6797</a>

# Details

The Hex color **3C6100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **250061**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **709438**, and **053200** is the 20% darker color. If you saturate the color by 10%, you get **3C6100**, and if you desaturate by 10%, it is **40610A**.

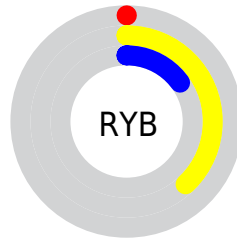
# Distribution



Red (24%)

Green (38%)

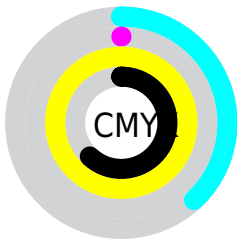
Blue (0%)



Red (0%)

Yellow (38%)

Blue (15%)

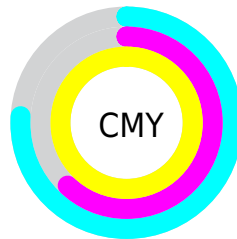


Cyan (38%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (76%)

Magenta (62%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C6100 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 3C6100 by changing the saturation by 10% instead.



 3C6100

 3C6100

 FFFFF5

 234900

 709438

 053200

 8AAF52

 001F00

 A6CA6B

 000000

 C2E685

 DEFFA0

 FBFFBC

 FFFFD8

 3C6100

 40610A

 436113

 47611D

 4B6127

 4F6131

 52613A

 566144

 5A614E

 5D6157

# Harmonies

## Analogous

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



665600



3C6100



00672E

# Triad

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



3C6100



0065A0



9E2855

# Complementary

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



3C6100



250061

# 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.



8B357E



3C6100



005BAA

# Square

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



3C6100



006983



5A4A9D



9B332D

# Rectangle

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



3C6100



00694B



5A4A9D



9B2A63



# Sweetspot

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



3C6100



6F7D57



612400



374029



BFBFBF



404040



# Same Dimension

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



3C6100



4D7D00



0D6100



2F302C



457000



94F000



# Inverse Universe

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



250061



30007D



540061



2D2C30



2B0070



5B00F0



# Previews

## White Background



This preview shows how the Hex color 3C6100 looks on a white background.

## Color Contrast Check

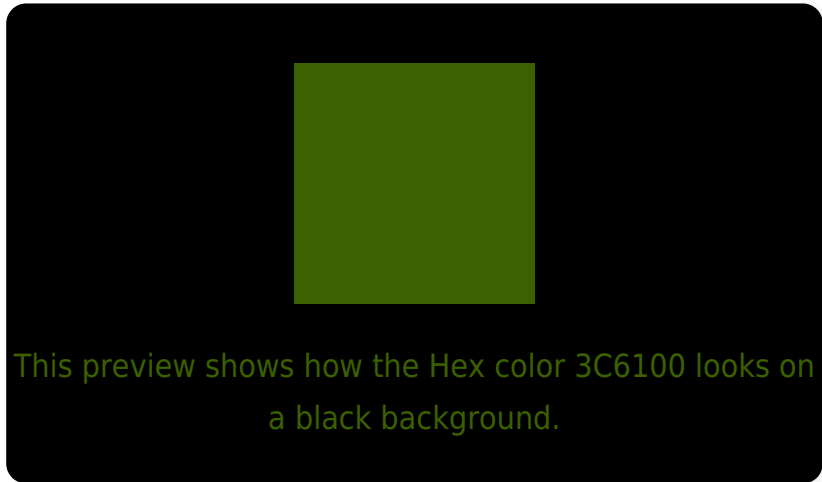
Large Text (above 18pt) WCAG AA ✓ Pass

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

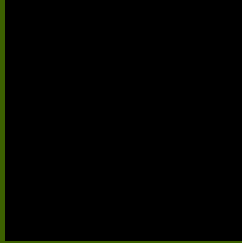
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3C6100 Background



This preview shows how black text looks on a background with the Hex color 3C6100.



This preview shows how white text looks on a background with the Hex color 3C6100.

# 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](#).

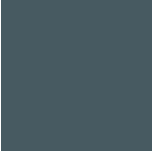
## Dichromacy



**Original Color**  
3C6100

**Protanopia**  
625700

**Deuteranopia**  
6D5213



**Tritanopia**  
475A61

# Trichromacy



**Original Color**  
3C6100

**Protanomaly**  
545B00

**Deuteranomaly**  
5B570C

**Tritanomaly**  
435D3E

# Monochromacy



**Original Color**  
3C6100

**Achromatopsia**  
4B4B4B

**Achromatomaly**  
465330

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C6100 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 #3C6100 looks like.

```
.text, #text, p{  
    color:#3C6100  
}
```

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 #3C6100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C6100
}
```

## Border

The CSS property to change the border of an element to Hex 3C6100 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
#3C6100 }
```

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

```
.border{ border-color:#3C6100 }
```

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

Here you see how a box with a 4 pixel #3C6100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C6100; -webkit-box-shadow:4px 4px  
4px 4px #3C6100; box-shadow:4px 4px 4px  
4px #3C6100 }
```

# Background

The CSS property to change the background color of an element to Hex 3C6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C6100 }
```

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

```
.background{ background-color:#3C6100 }
```

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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