

Converting Colors

Hex(3B6100)

Have a look what the booklet for
Hex(3B6100) contains.

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Color

Hex(3B6100)

Conversions

Conversions Part 1

Format	Color
Hex	3B6100
RGB	59, 97, 0
RGB Percent	23%, 38%, 0%
CMY	0.7686, 0.6196, 1.0000
CMYK	0.39, 0.00, 1.00, 0.62
HSL	84°, 100%, 19%
HSV	84°, 100%, 38%
XYZ	6.0783, 9.4792, 1.5093
YIQ	74.5800, 8.4890, -38.2230

Conversions

Conversions Part 2

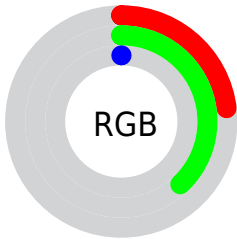
Format	Color
RYB	0, 97, 38
Decimal	3891456
CIELab	36.89, -28.03, 43.15
CIELCh	37, 51.453, 123.009
Yxy	9.4792, 0.3561, 0.5554
Android (android.graphics.Color)	4282081536 (0xFF3B6100)
YUV	74.5800, -36.7679, -13.6637
Hunter-Lab	30.7883, -18.6395, 18.6453

Details

The Hex color **3B6100** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **260061**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6F9438**, and **043200** is the 20% darker color. If you saturate the color by 10%, you get **3B6100**, and if you desaturate by 10%, it is **3F610A**.

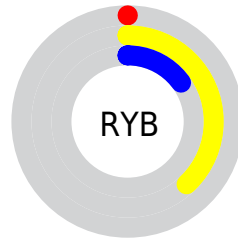
Distribution



Red (23%)

Green (38%)

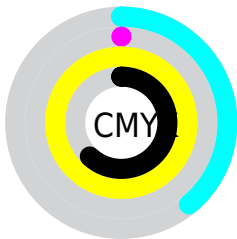
Blue (0%)



Red (0%)

Yellow (38%)

Blue (15%)

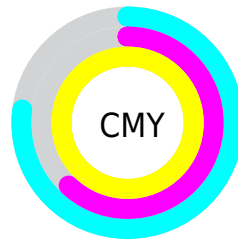


Cyan (39%)

Magenta (0%)

Yellow (100%)

Black (62%)



Cyan (77%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6100 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 3B6100 by changing the saturation by 10% instead.

 3B6100

 3B6100

 FFFFF5

 224900

 6F9438

 043200

 89AF52

 001F00

 A5CA6B

 000000

 C0E685

 DDFFA0

 FAFFBC

 FFFFD8

 3B6100

 3F610A

 436113

 46611D

 4A6127

 4E6131

 52613A

 566144

 59614E

 5D6157

Harmonies

Analogous

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



665600



3B6100



00672F

Triad

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



3B6100



0065A1



9F2854

Complementary

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



3B6100



260061

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.



8B357D



3B6100



005BAA

Square

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



3B6100



006983



5A4A9D



9B322C

Rectangle

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



3B6100



00694B



5A4A9D



9B2A62

Sweetspot

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



3B6100



6E7D57



612500



374029



BFBFBF



404040

Same Dimension

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



3B6100



4C7D00



0B6100



2F302C



447000



92F000

Inverse Universe

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



260061



31007D



560061



2E2C30



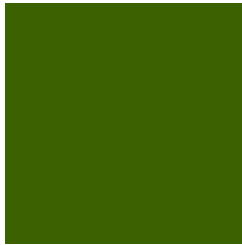
2C0070



5E00F0

Previews

White Background



This preview shows how the Hex color 3B6100 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

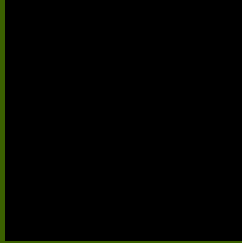
Any Text WCAG AA × Fail

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 3B6100 Background



This preview shows how black text looks on a background with the Hex color 3B6100.



This preview shows how white text looks on a background with the Hex color 3B6100.

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](#).

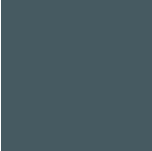
Dichromacy



Original Color
3B6100

Protanopia
625700

Deuteranopia
6D5213



Tritanopia
465A61

Trichromacy



Original Color
3B6100

Protanomaly
545B00

Deuteranomaly
5B570C

Tritanomaly
425D3E

Monochromacy



Original Color
3B6100

Achromatopsia
4B4B4B

Achromatomaly
455330

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6100 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 #3B6100 looks like.

```
.text, #text, p{  
    color:#3B6100  
}
```

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 #3B6100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6100
}
```

Border

The CSS property to change the border of an element to Hex 3B6100 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
#3B6100 }
```

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

```
.border{ border-color:#3B6100 }
```

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

Here you see how a box with a 4 pixel #3B6100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6100; -webkit-box-shadow:4px 4px  
4px 4px #3B6100; box-shadow:4px 4px 4px  
4px #3B6100 }
```

Background

The CSS property to change the background color of an element to Hex 3B6100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6100 }
```

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

```
.background{ background-color:#3B6100 }
```

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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