

Converting Colors

Hex(3B8300)

Have a look what the booklet for
Hex(3B8300) contains.

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Color

Hex(3B8300)

Conversions

Conversions Part 1

Format	Color
Hex	3B8300
RGB	59, 131, 0
RGB Percent	23%, 51%, 0%
CMY	0.7686, 0.4863, 1.0000
CMYK	0.55, 0.00, 1.00, 0.49
HSL	93°, 100%, 26%
HSV	93°, 100%, 51%
XYZ	9.9199, 17.1624, 2.7898
YIQ	94.5380, -0.8610, -56.0050

Conversions

Conversions Part 2

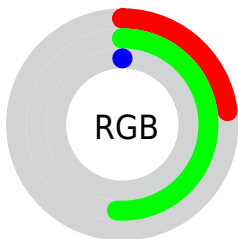
Format	Color
RYB	0, 131, 72
Decimal	3900160
CIELab	48.46, -42.45, 52.18
CIELCh	48, 67.269, 129.128
Yxy	17.1624, 0.3321, 0.5745
Android (android.graphics.Color)	4282090240 (0xFF3B8300)
YUV	94.5380, -46.6072, -31.1668
Hunter-Lab	41.4275, -29.7559, 25.0065

Details

The Hex color **3B8300** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **480083**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **73B941**, and **005000** is the 20% darker color. If you saturate the color by 10%, you get **3B8300**, and if you desaturate by 10%, it is **42830D**.

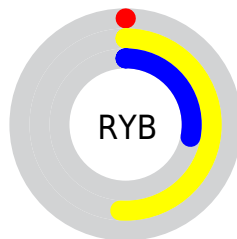
Distribution



Red (23%)

Green (51%)

Blue (0%)



Red (0%)

Yellow (51%)

Blue (28%)

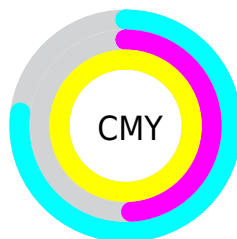


Cyan (55%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (77%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B8300 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 3B8300 by changing the saturation by 10% instead.

 3B8300

 3B8300

FFFFFF

 1B6900

 73B941

 005000

 8FD55B

 003900

 ABF176

 002400

 C8FF91

 000000

 E5FFAD

 FFFFC9

 FFFF E5

 3B8300

 42830D

 49831A

 518327

 588334

 5F8342

 66834F

 6D835C

 758369

 7C8376

Harmonies

Analogous

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



7C7600



3B8300



008A48

Triad

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



3B8300



0084DE



D62E64

Complementary

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



3B8300



480083

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.



C33C9D



3B8300



0075E5

Square

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



3B8300



008BBA



895BCC



CB452E

Rectangle

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



3B8300



008C70



895BCC



D32E77

Sweetspot

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



3B8300



8FAB78



834600



465737



D6D6D6



575757

Same Dimension

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



3B8300



4DAB00



008304



3F423C



3B8200



010300

Inverse Universe

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



480083



5E00AB



83007F



3F3C42



470082



010003

Previews

White Background



This preview shows how the Hex color 3B8300 looks on a white background.

Color Contrast Check

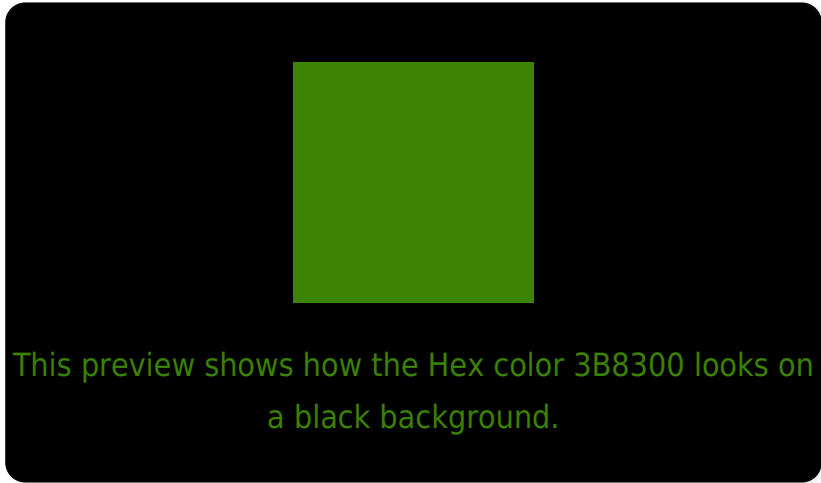
Large Text (above 18pt) WCAG AA ✓ Pass

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 3B8300 Background



This preview shows how black text looks on a background with the Hex color 3B8300.



This preview shows how white text looks on a background with the Hex color 3B8300.

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
3B8300

Protanopia
817300

Deuteranopia
906D1B



Tritanopia
4E7A84

Trichromacy



Original Color
3B8300

Protanomaly
687900

Deuteranomaly
717511

Tritanomaly
477D54

Monochromacy



Original Color
3B8300

Achromatopsia
5F5F5F

Achromatomaly
526C3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B8300 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 #3B8300 looks like.

```
.text, #text, p{  
    color:#3B8300  
}
```

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 #3B8300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B8300
}
```

Border

The CSS property to change the border of an element to Hex 3B8300 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
#3B8300 }
```

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

```
.border{ border-color:#3B8300 }
```

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

Here you see how a box with a 4 pixel #3B8300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B8300; -webkit-box-shadow:4px 4px  
4px 4px #3B8300; box-shadow:4px 4px 4px  
4px #3B8300 }
```

Background

The CSS property to change the background color of an element to Hex 3B8300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B8300 }
```

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

```
.background{ background-color:#3B8300 }
```

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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