

Converting Colors

Hex(3B6500)

Have a look what the booklet for
Hex(3B6500) contains.

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Color

Hex(3B6500)

Conversions

Conversions Part 1

Format	Color
Hex	3B6500
RGB	59, 101, 0
RGB Percent	23%, 40%, 0%
CMY	0.7686, 0.6039, 1.0000
CMYK	0.42, 0.00, 1.00, 0.60
HSL	85°, 100%, 20%
HSV	85°, 100%, 40%
XYZ	6.4573, 10.2372, 1.6356
YIQ	76.9280, 7.3890, -40.3150

Conversions

Conversions Part 2

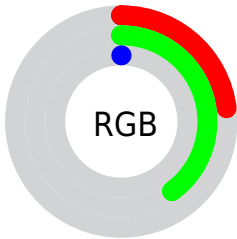
Format	Color
RYB	0, 101, 42
Decimal	3892480
CIELab	38.26, -29.88, 44.21
CIELCh	38, 53.361, 124.052
Yxy	10.2372, 0.3523, 0.5585
Android (android.graphics.Color)	4282082560 (0xFF3B6500)
YUV	76.9280, -37.9255, -15.7229
Hunter-Lab	31.9956, -19.9676, 19.3660

Details

The Hex color **3B6500** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **2A0065**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6F9839**, and **023600** is the 20% darker color. If you saturate the color by 10%, you get **3B6500**, and if you desaturate by 10%, it is **3F650A**.

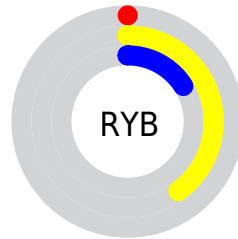
Distribution



Red (23%)

Green (40%)

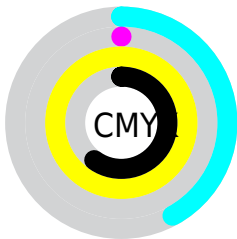
Blue (0%)



Red (0%)

Yellow (40%)

Blue (16%)

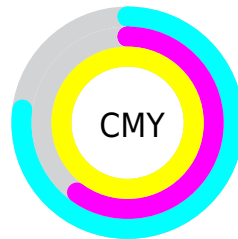


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (77%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6500 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 3B6500 by changing the saturation by 10% instead.

 3B6500

 3B6500

 FFFFF7

 224D00

 6F9839

 023600

 8AB353

 002200

 A5CF6C

 000000

 C1EB87

 DEFFA2

 FBFFBD

 FFFFDA

 3B6500

 3F650A

 436514

 48651E


 4C6528

 506533

 54653D

 586547

 5D6551

 61655B

Harmonies

Analogous

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



685A00



3B6500



006B32

Triad

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



3B6500



0068A8



A52956

Complementary

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



3B6500



2A0065

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.



923581



3B6500



005EB1

Square

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



3B6500



006D8A



604CA2



A1352C

Rectangle

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



3B6500



006D50



604CA2



A22A65

Sweetspot

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



3B6500



72825B



652800



38422A



C2C2C2



424242

Same Dimension

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



3B6500



4C8200



0A6500



31332E



437300



8EF200

Inverse Universe

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



2A0065



360082



5B0065



302E33



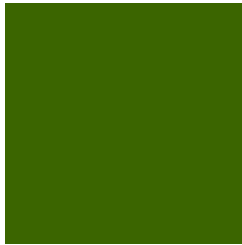
300073



6500F2

Previews

White Background



This preview shows how the Hex color 3B6500 looks on a white background.

Color Contrast Check

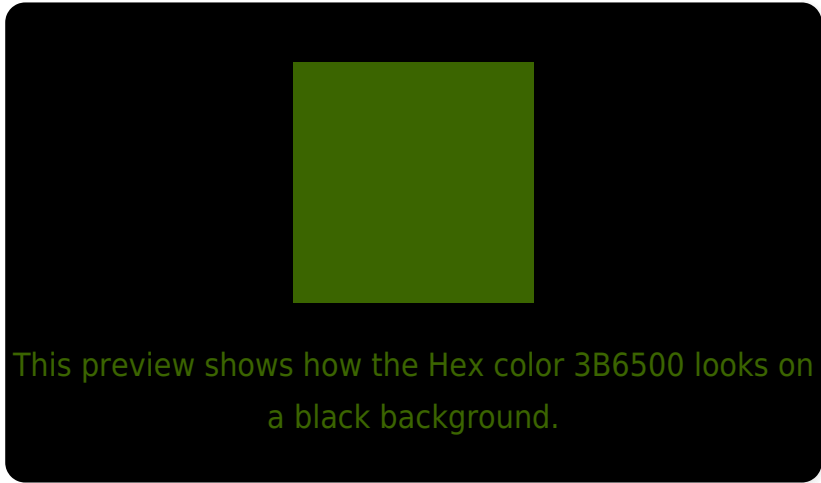
Large Text (above 18pt) WCAG AA ✓ Pass

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

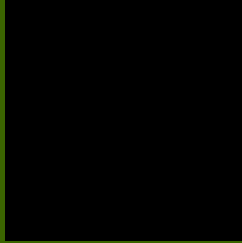
Any Text WCAG AA × Fail

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 3B6500 Background



This preview shows how black text looks on a background with the Hex color 3B6500.



This preview shows how white text looks on a background with the Hex color 3B6500.

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
3B6500

Protanopia
65A000

Deuteranopia
715514



Tritanopia
475E65

Trichromacy



Original Color
3B6500

Protanomaly
565E00

Deuteranomaly
5D5B0D

Tritanomaly
436140

Monochromacy



Original Color
3B6500

Achromatopsia
4D4D4D

Achromatomaly
465631

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6500 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 #3B6500 looks like.

```
.text, #text, p{  
    color:#3B6500  
}
```

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 #3B6500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6500
}
```

Border

The CSS property to change the border of an element to Hex 3B6500 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
#3B6500 }
```

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

```
.border{ border-color:#3B6500 }
```

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

Here you see how a box with a 4 pixel #3B6500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6500; -webkit-box-shadow:4px 4px  
4px 4px #3B6500; box-shadow:4px 4px 4px  
4px #3B6500 }
```

Background

The CSS property to change the background color of an element to Hex 3B6500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6500 }
```

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

```
.background{ background-color:#3B6500 }
```

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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