

# Converting Colors

Hex(3B6B20)

Have a look what the booklet for  
Hex(3B6B20) contains.

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**Color**

**Hex(3B6B20)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B6B20
RGB	59, 107, 32
RGB Percent	23%, 42%, 13%
CMY	0.7686, 0.5804, 0.8745
CMYK	0.45, 0.00, 0.70, 0.58
HSL	98°, 54%, 27%
HSV	98°, 70%, 42%
XYZ	7.3220, 11.5495, 3.2099
YIQ	84.0980, -4.5330, -33.5010

# Conversions

## Conversions Part 2

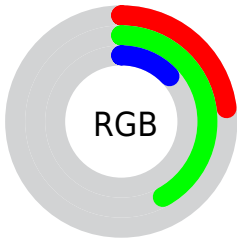
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 107, 80
Decimal	3894048
CIE <sub>Lab</sub>	40.49, -30.75, 35.61
CIE <sub>LCh</sub>	40, 47.050, 130.804
Yxy	11.5495, 0.3316, 0.5230
Android (android.graphics.Color)	4282084128 (0xFF3B6B20)
YUV	84.0980, -25.6843, -22.0109
Hunter-Lab	33.9845, -21.0147, 18.1892

# Details

The Hex color **3B6B20** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **50206B**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6E9F50**, and **073B00** is the 20% darker color. If you saturate the color by 10%, you get **346B15**, and if you desaturate by 10%, it is **426B2B**.

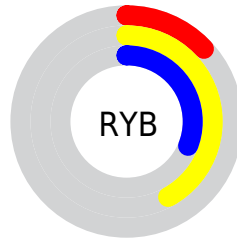
# Distribution



Red (23%)

Green (42%)

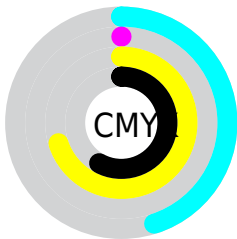
Blue (13%)



Red (13%)

Yellow (42%)

Blue (31%)

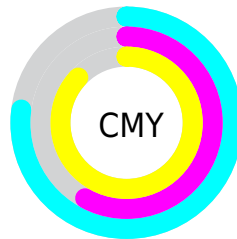


Cyan (45%)

Magenta (0%)

Yellow (70%)

Black (58%)



Cyan (77%)

Magenta (58%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B6B20 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 3B6B20 by changing the saturation by 10% instead.





3B6B20



3B6B20

FFFFFF



215205



6E9F50



073B00



89BA6A



002500



A4D683



000300



C0F29E



000000



DCFFB9



F9FFD5



FFFFFF2



3B6B20



3B6B20

■ 346B15

■ 426B2B

■ 2D6B0B

■ 496B35

■ 276B00

■ 506B40

■ 566B4B

■ 5D6B56

■ 646B60

■ 6B6B6B

■ 726B76

■ 796B80

# Harmonies

## Analogous

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



666204



3B6B20



007045

# Triad

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



3B6B20



006AA8



A53953

# Complementary

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



3B6B20



50206B

# 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.



983E7A



3B6B20



245FAB

# Square

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



3B6B20



007091



734F9A



9D442F

# Rectangle

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



3B6B20



00715F



734F9A



A33960



# Sweetspot

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



3B6B20



798C6F



6B5020



3C4736



C7C7C7



474747



# Same Dimension

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



3B6B20



418C16



206B2A



323630



2A7500



58F500



# Inverse Universe

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



50206B



62168C



6B2061



343036



4B0075

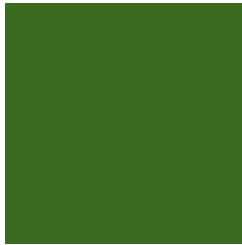


9D00F5



# Previews

## White Background



This preview shows how the Hex color 3B6B20 looks on a white background.

### Color Contrast Check

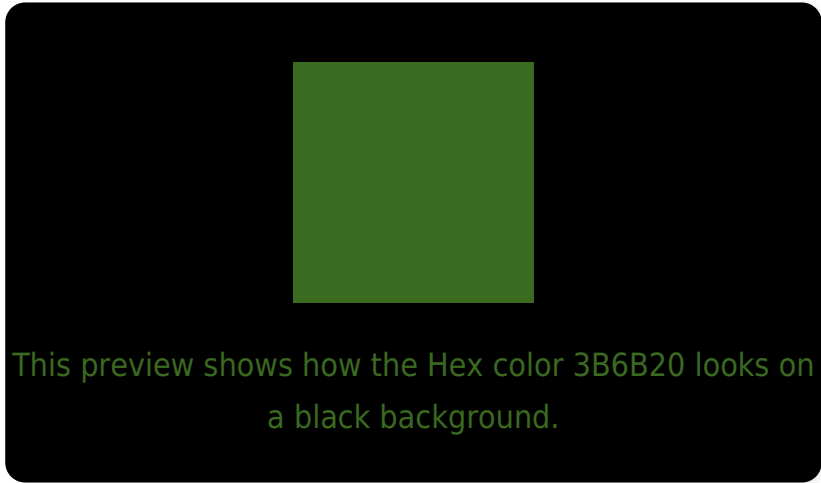
Large Text (above 18pt) WCAG AA ✓ Pass

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

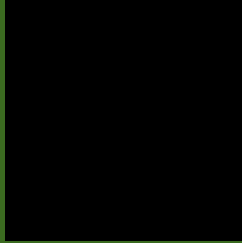
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B6B20 Background



This preview shows how black text looks on a background with the Hex color 3B6B20.



This preview shows how white text looks on a background with the Hex color 3B6B20.

# 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**  
3B6B20

**Protanopia**  
6B5F1D

**Deuteranopia**  
765A26



**Tritanopia**  
47646C

# Trichromacy



**Original Color**  
3B6B20

**Protanomaly**  
5A631E

**Deuteranomaly**  
616024

**Tritanomaly**  
436750

# Monochromacy



**Original Color**  
3B6B20

**Achromatopsia**  
545454

**Achromatomaly**  
4B5C41

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B6B20 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 #3B6B20 looks like.

```
.text, #text, p{  
    color:#3B6B20  
}
```

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 #3B6B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6B20
}
```

## Border

The CSS property to change the border of an element to Hex 3B6B20 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
#3B6B20 }
```

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

```
.border{ border-color:#3B6B20 }
```

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

Here you see how a box with a 4 pixel #3B6B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6B20; -webkit-box-shadow:4px 4px  
4px 4px #3B6B20; box-shadow:4px 4px 4px  
4px #3B6B20 }
```

# Background

The CSS property to change the background color of an element to Hex 3B6B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6B20 }
```

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

```
.background{ background-color:#3B6B20 }
```

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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