

# Converting Colors

Hex(3B5219)

Have a look what the booklet for  
Hex(3B5219) contains.

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**Color**

**Hex(3B5219)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3B5219
RGB	59, 82, 25
RGB Percent	23%, 32%, 10%
CMY	0.7686, 0.6784, 0.9020
CMYK	0.28, 0.00, 0.70, 0.68
HSL	84°, 53%, 21%
HSV	84°, 70%, 32%
XYZ	4.9964, 7.0346, 2.0142
YIQ	68.6250, 4.5890, -22.6030

# Conversions

## Conversions Part 2

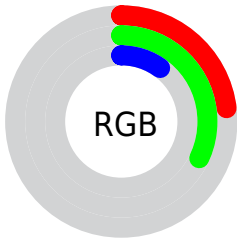
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 82, 48
Decimal	3887641
CIE <sub>Lab</sub>	31.89, -19.10, 29.67
CIE <sub>LCh</sub>	32, 35.284, 122.775
Yxy	7.0346, 0.3557, 0.5009
Android (android.graphics.Color)	4282077721 (0xFF3B5219)
YUV	68.6250, -21.5071, -8.4411
Hunter-Lab	26.5228, -12.7888, 14.0634

# Details

The Hex color **3B5219** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **301952**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **6C8447**, and **0D2500** is the 20% darker color. If you saturate the color by 10%, you get **385211**, and if you desaturate by 10%, it is **3E5221**.

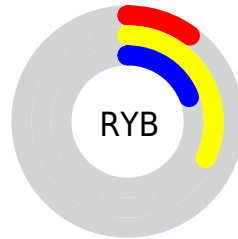
# Distribution



Red (23%)

Green (32%)

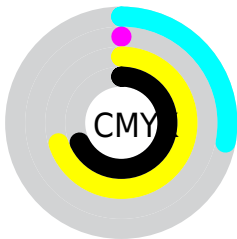
Blue (10%)



Red (10%)

Yellow (32%)

Blue (19%)

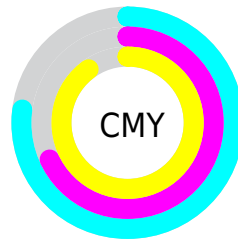


Cyan (28%)

Magenta (0%)

Yellow (70%)

Black (68%)



Cyan (77%)

Magenta (68%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3B5219 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 3B5219 by changing the saturation by 10% instead.



 3B5219

 3B5219

FFFFFF

 243B00

 6C8447

 0D2500

 869E60

 000D00

 A1B979

 000000

 BCD493

 D8F1AE

 F5FFCA

 FFFFE6

 3B5219

 3B5219

■ 385211

■ 3E5221

■ 345209

■ 425229

■ 315200

■ 455232

■ 48523A

■ 4C5242

■ 4F524A

■ 525252

■ 55525B

■ 595263

# Harmonies

## Analogous

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



574A0E



3B5219



0D5630

# Triad

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



3B5219



00547C



7D314A

# Complementary

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



3B5219



301952

# 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.



6F3765



3B5219



0A4D82

# Square

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



3B5219



005868



4F437A



7B362F

# Rectangle

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



3B5219



005843



4F437A



7A3253



# Sweetspot

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



3B5219



626B55



523019



303628



B5B5B5



363636



# Same Dimension

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



3B5219



476B12



1F5219



272925



3E6900



8AE800



# Inverse Universe

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



301952



36126B



4C1952



262529



2A0069

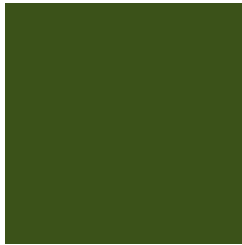


5E00E8



# Previews

## White Background



This preview shows how the Hex color 3B5219 looks on a white background.

## Color Contrast Check

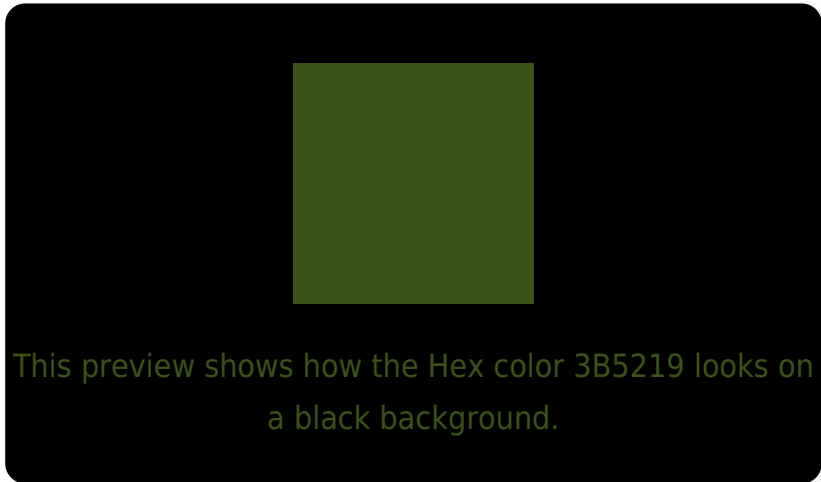
Large Text (above 18pt) WCAG AA ✓ Pass

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

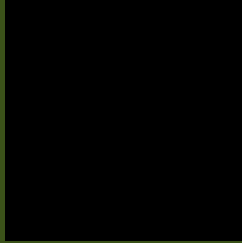
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3B5219 Background



This preview shows how black text looks on a background with the Hex color 3B5219.



This preview shows how white text looks on a background with the Hex color 3B5219.

# 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**  
3B5219

**Protanopia**  
544B17

**Deuteranopia**  
5D471D



**Tritanopia**  
424D53

# Trichromacy



**Original Color**  
3B5219

**Protanomaly**  
4B4E18

**Deuteranomaly**  
514B1C

**Tritanomaly**  
3F4F3E

# Monochromacy



**Original Color**  
3B5219

**Achromatopsia**  
454545

**Achromatomaly**  
414A35

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3B5219 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 #3B5219 looks like.

```
.text, #text, p{  
    color:#3B5219  
}
```

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 #3B5219 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B5219
}
```

## Border

The CSS property to change the border of an element to Hex 3B5219 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
#3B5219 }
```

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

```
.border{ border-color:#3B5219 }
```

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

Here you see how a box with a 4 pixel #3B5219 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B5219; -webkit-box-shadow:4px 4px  
4px 4px #3B5219; box-shadow:4px 4px 4px  
4px #3B5219 }
```

# Background

The CSS property to change the background color of an element to Hex 3B5219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B5219 }
```

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

```
.background{ background-color:#3B5219 }
```

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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