

Converting Colors

Hex(3B6919)

Have a look what the booklet for
Hex(3B6919) contains.

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Color

Hex(3B6919)

Conversions

Conversions Part 1

Format	Color
Hex	3B6919
RGB	59, 105, 25
RGB Percent	23%, 41%, 10%
CMY	0.7686, 0.5882, 0.9020
CMYK	0.44, 0.00, 0.76, 0.59
HSL	94°, 62%, 25%
HSV	94°, 76%, 41%
XYZ	7.0307, 11.1031, 2.6923
YIQ	82.1260, -1.7360, -34.6320

Conversions

Conversions Part 2

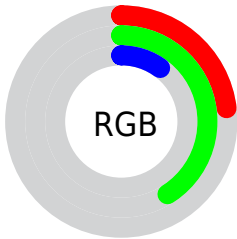
Format	Color
RYB	25, 105, 71
Decimal	3893529
CIELab	39.75, -30.43, 37.86
CIElCh	40, 48.573, 128.789
Yxy	11.1031, 0.3376, 0.5331
Android (android.graphics.Color)	4282083609 (0xFF3B6919)
YUV	82.1260, -28.1631, -20.2815
Hunter-Lab	33.3214, -20.6496, 18.5345

Details

The Hex color **3B6919** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **471969**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **6E9D4A**, and **053900** is the 20% darker color. If you saturate the color by 10%, you get **35690E**, and if you desaturate by 10%, it is **416923**.

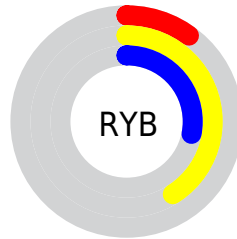
Distribution



Red (23%)

Green (41%)

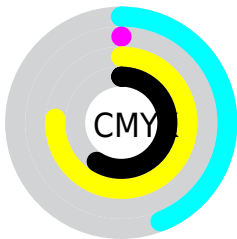
Blue (10%)



Red (10%)

Yellow (41%)

Blue (28%)

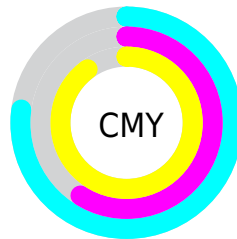


Cyan (44%)

Magenta (0%)

Yellow (76%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6919 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 3B6919 by changing the saturation by 10% instead.

 3B6919

 3B6919

FFFFFF

 215100

 6E9D4A

 053900

 89B863

 002400

 A4D47D

 000000

 C0F098

 DDFFB3

 FAFFCF

 FFFFEB

 3B6919

 3B6919

■ 35690E

■ 416923

■ 2F6904

■ 47692E

■ 2D6900

■ 4D6938

■ 536943

■ 59694D

■ 5F6958

■ 656962

■ 6B696D

■ 716977

Harmonies

Analogous

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



666000



3B6919



006E3F

Triad

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



3B6919



006AA7



A43554

Complementary

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



3B6919



471969

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.



963C7B



3B6919



035EAC

Square

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



3B6919



006F8E



6E4E9C



9E402E

Rectangle

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



3B6919



00705B



6E4E9C



A23561

Sweetspot

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



3B6919



778A6A



694619



3A4532



C4C4C4



454545

Same Dimension

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



3B6919



428A0C



19691E



323630



327500



68F500

Inverse Universe

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



471969



540C8A



691964



333036



430075



8D00F5

Previews

White Background



This preview shows how the Hex color 3B6919 looks on a white background.

Color Contrast Check

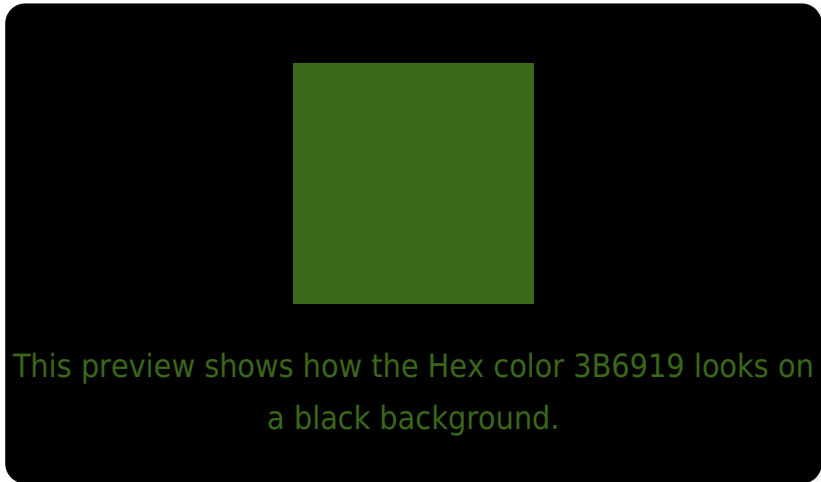
Large Text (above 18pt) WCAG AA ✓ Pass

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

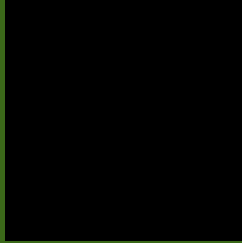
Any Text WCAG AA × Fail

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 3B6919 Background



This preview shows how black text looks on a background with the Hex color 3B6919.



This preview shows how white text looks on a background with the Hex color 3B6919.

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
3B6919

Protanopia
695E16

Deuteranopia
755920



Tritanopia
47626A

Trichromacy



Original Color
3B6919

Protanomaly
586217

Deuteranomaly
605F1D

Tritanomaly
43654D

Monochromacy



Original Color
3B6919

Achromatopsia
525252

Achromatomaly
4A5A3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6919 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 #3B6919 looks like.

```
.text, #text, p{  
    color:#3B6919  
}
```

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 #3B6919 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6919
}
```

Border

The CSS property to change the border of an element to Hex 3B6919 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
#3B6919 }
```

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

```
.border{ border-color:#3B6919 }
```

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

Here you see how a box with a 4 pixel #3B6919 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6919; -webkit-box-shadow:4px 4px  
4px 4px #3B6919; box-shadow:4px 4px 4px  
4px #3B6919 }
```

Background

The CSS property to change the background color of an element to Hex 3B6919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6919 }
```

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

```
.background{ background-color:#3B6919 }
```

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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