

Converting Colors

Hex(3B6929)

Have a look what the booklet for
Hex(3B6929) contains.

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Color

Hex(3B6929)

Conversions

Conversions Part 1

Format	Color
Hex	3B6929
RGB	59, 105, 41
RGB Percent	23%, 41%, 16%
CMY	0.7686, 0.5882, 0.8392
CMYK	0.44, 0.00, 0.61, 0.59
HSL	103°, 44%, 29%
HSV	103°, 61%, 41%
XYZ	7.2554, 11.1931, 3.8759
YIQ	83.9500, -6.8720, -29.6560

Conversions

Conversions Part 2

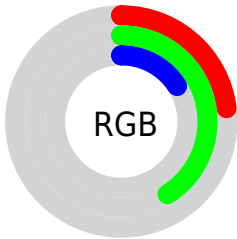
Format	Color
RYB	41, 105, 87
Decimal	3893545
CIELab	39.90, -28.86, 30.59
CIElCh	40, 42.060, 133.331
Yxy	11.1931, 0.3250, 0.5014
Android (android.graphics.Color)	4282083625 (0xFF3B6929)
YUV	83.9500, -21.1744, -21.8812
Hunter-Lab	33.4560, -19.8376, 16.5504

Details

The Hex color **3B6929** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572969**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **6E9D59**, and **083900** is the 20% darker color. If you saturate the color by 10%, you get **33691E**, and if you desaturate by 10%, it is **436933**.

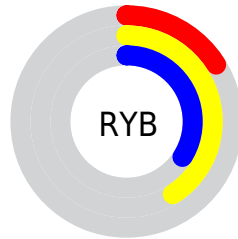
Distribution



Red (23%)

Green (41%)

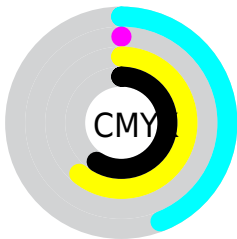
Blue (16%)



Red (16%)

Yellow (41%)

Blue (34%)

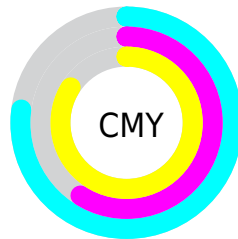


Cyan (44%)

Magenta (0%)

Yellow (61%)

Black (59%)



Cyan (77%)

Magenta (59%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B6929 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 3B6929 by changing the saturation by 10% instead.



3B6929



3B6929

FFFFFF



225112



6E9D59



083900



88B872



002400



A3D48C



000000



BFF0A6



DBFFC2



F8FFDE



FFFFFFB



3B6929



3B6929

■ 33691E

■ 436933

■ 2C6914

■ 4A693E

■ 246909

■ 526949

■ 1E6900

■ 596953

■ 61695E

■ 686968

■ 706972

■ 77697D

■ 7F6987

Harmonies

Analogous

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



626114



3B6929



006D49

Triad

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



3B6929



0067A0



9D3E50

Complementary

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



3B6929



572969

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.



934173



3B6929



395DA1

Square

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



3B6929



006D8C



744E90



954830

Rectangle

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



3B6929



006E61



744E90



9B3E5C

Sweetspot

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



3B6929



788A71



695729



3A4536



C4C4C4



454545

Same Dimension

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



3B6929



418A25



296937



323630



217500



45F500

Inverse Universe

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



572969



6D258A



69295B



343036



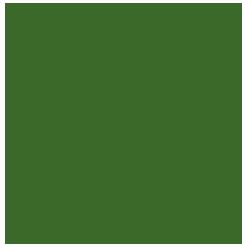
540075



B000F5

Previews

White Background



This preview shows how the Hex color 3B6929 looks on a white background.

Color Contrast Check

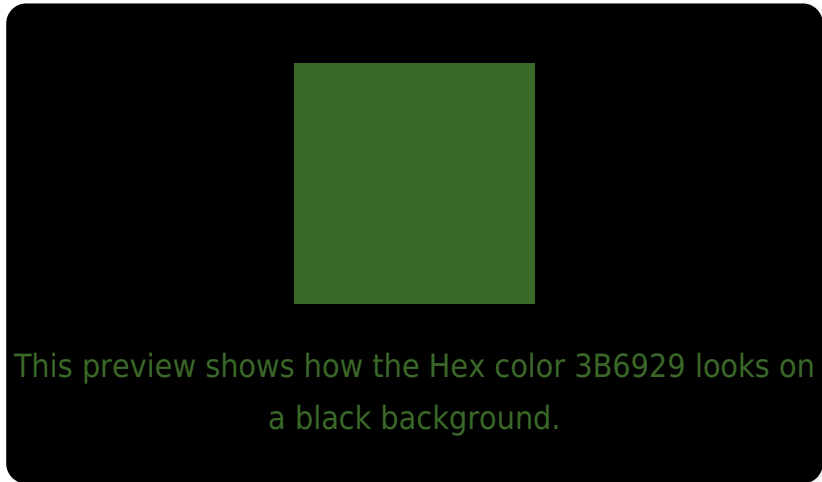
Large Text (above 18pt) WCAG AA ✓ Pass

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

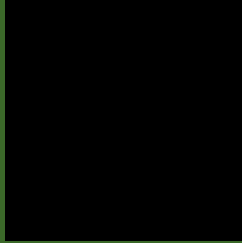
Any Text WCAG AA × Fail

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 3B6929 Background



This preview shows how black text looks on a background with the Hex color 3B6929.



This preview shows how white text looks on a background with the Hex color 3B6929.

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
3B6929

Protanopia
685E26

Deuteranopia
73592E



Tritanopia
46626A

Trichromacy



Original Color
3B6929

Protanomaly
586227

Deuteranomaly
5F5F2C

Tritanomaly
426552

Monochromacy



Original Color
3B6929

Achromatopsia
545454

Achromatomaly
4B5C44

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B6929 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 #3B6929 looks like.

```
.text, #text, p{  
    color:#3B6929  
}
```

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 #3B6929 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B6929
}
```

Border

The CSS property to change the border of an element to Hex 3B6929 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
#3B6929 }
```

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

```
.border{ border-color:#3B6929 }
```

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

Here you see how a box with a 4 pixel #3B6929 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B6929; -webkit-box-shadow:4px 4px  
4px 4px #3B6929; box-shadow:4px 4px 4px  
4px #3B6929 }
```

Background

The CSS property to change the background color of an element to Hex 3B6929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B6929 }
```

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

```
.background{ background-color:#3B6929 }
```

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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