

Converting Colors

Hex(3B916A)

Have a look what the booklet for
Hex(3B916A) contains.

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Color

Hex(3B916A)

Conversions

Conversions Part 1

Format	Color
Hex	3B916A
RGB	59, 145, 106
RGB Percent	23%, 57%, 42%
CMY	0.7686, 0.4314, 0.5843
CMYK	0.59, 0.00, 0.27, 0.43
HSL	153°, 42%, 40%
HSV	153°, 59%, 57%
XYZ	14.5306, 22.2212, 17.1590
YIQ	114.8400, -38.7370, -30.3610

Conversions

Conversions Part 2

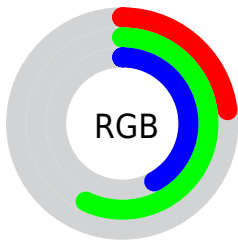
Format	Color
RYB	59, 115, 145
Decimal	3903850
CIELab	54.26, -35.50, 13.11
CIELCh	54, 37.840, 159.728
Yxy	22.2212, 0.2695, 0.4122
Android (android.graphics.Color)	4282093930 (0xFF3B916A)
YUV	114.8400, -4.3581, -48.9717
Hunter-Lab	47.1394, -27.4719, 11.4157

Details

The Hex color **3B916A** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **913B62**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **72C89D**, and **005E3B** is the 20% darker color. If you saturate the color by 10%, you get **2D9163**, and if you desaturate by 10%, it is **4A9171**.

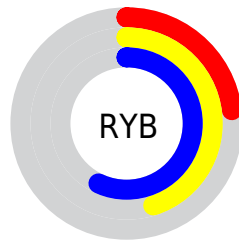
Distribution



Red (23%)

Green (57%)

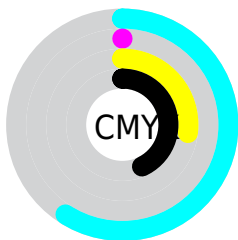
Blue (42%)



Red (23%)

Yellow (45%)

Blue (57%)

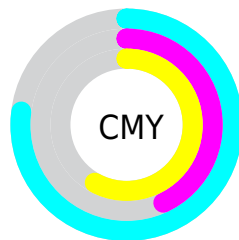


Cyan (59%)

Magenta (0%)

Yellow (27%)

Black (43%)



Cyan (77%)

Magenta (43%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3B916A 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 3B916A by changing the saturation by 10% instead.



3B916A



3B916A

FFFFFF



1C7752



72C89D



005E3B



8EE4B8



004525



A9FFD4



002E10



C6FFF0



001700



E3FFFF



000000



3B916A



3B916A



2D9163



4A9171



1E915D



589177

■ 0F9156

■ 66917E

■ 019150

■ 759184

■ 00914F

■ 84918B

■ 929191

■ A19198

■ AF919F

■ BE91A5

Harmonies

Analogous

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



688C4E



3B916A



00938C

Triad

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



3B916A



6082C2



BB6D5A

Complementary

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



3B916A



913B62

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.



C06778



3B916A



9375B4

Square

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



3B916A



008BBE



B36A99



A87844

Rectangle

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



3B916A



0092A1



B36A99



BE6A63

Sweetspot

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



3B916A



9BBDAD



63913B



4A5E55



DEDEDE



5E5E5E

Same Dimension

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



3B916A



37BD80



3B8E91



404744



00874A



000804

Inverse Universe

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



913B62



BD3773



913E3B



474043



87003D



080003

Previews

White Background



This preview shows how the Hex color 3B916A looks on a white background.

Color Contrast Check

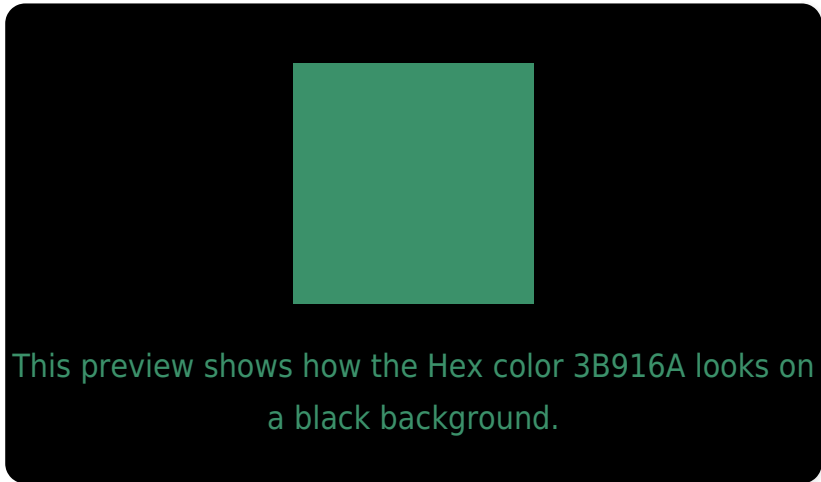
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

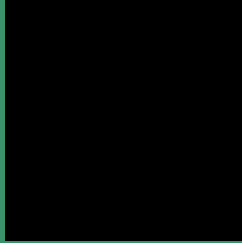
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 3B916A Background



This preview shows how black text looks on a background with the Hex color 3B916A.



This preview shows how white text looks on a background with the Hex color 3B916A.

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





Tritanopia
498B96

Trichromacy



Original Color
3B916A



Protanomaly
6D8765



Deuteranomaly
74846D



Tritanomaly
448D86

Monochromacy



Original Color
3B916A



Achromatopsia
737373



Achromatomaly
5F7E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 3B916A 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 #3B916A looks like.

```
.text, #text, p{  
    color:#3B916A  
}
```

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 #3B916A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3B916A
}
```

Border

The CSS property to change the border of an element to Hex 3B916A 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
#3B916A }
```

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

```
.border{ border-color:#3B916A }
```

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

Here you see how a box with a 4 pixel #3B916A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3B916A; -webkit-box-shadow:4px 4px  
4px 4px #3B916A; box-shadow:4px 4px 4px  
4px #3B916A }
```

Background

The CSS property to change the background color of an element to Hex 3B916A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3B916A }
```

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

```
.background{ background-color:#3B916A }
```

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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