

Converting Colors

Hex(3BB616)

Have a look what the booklet for
Hex(3BB616) contains.

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Color

Hex(3BB616)

Conversions

Conversions Part 1

Format	Color
Hex	3BB616
RGB	59, 182, 22
RGB Percent	23%, 71%, 9%
CMY	0.7686, 0.2863, 0.9137
CMYK	0.68, 0.00, 0.88, 0.29
HSL	106°, 78%, 40%
HSV	106°, 88%, 71%
XYZ	18.6764, 34.4436, 6.4230
YIQ	126.9830, -21.9480, -75.8360

Conversions

Conversions Part 2

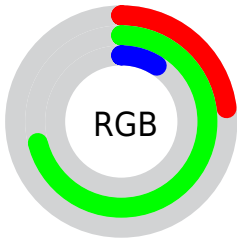
Format	Color
R_YB	22, 182, 145
Decimal	3913238
CIE _{Lab}	65.31, -59.80, 62.34
CIE _{LCh}	65, 86.387, 133.811
Yxy	34.4436, 0.3137, 0.5785
Android (android.graphics.Color)	4282103318 (0xFF3BB616)
YUV	126.9830, -51.7566, -59.6211
Hunter-Lab	58.6887, -45.9015, 34.5933

Details

The Hex color **3BB616** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **9116B6**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **7BEF55**, and **008000** is the 20% darker color. If you saturate the color by 10%, you get **2DB604**, and if you desaturate by 10%, it is **49B628**.

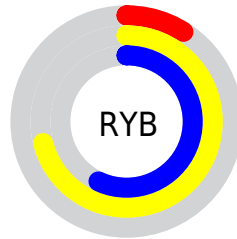
Distribution



Red (23%)

Green (71%)

Blue (9%)



Red (9%)

Yellow (71%)

Blue (57%)

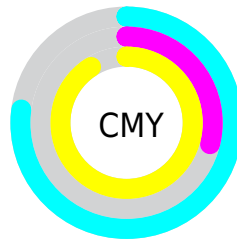


Cyan (68%)

Magenta (0%)

Yellow (88%)

Black (29%)



Cyan (77%)

Magenta (29%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BB616 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 3BB616 by changing the saturation by 10% instead.

 3BB616

 3BB616

FFFFFF

 059A00

 7BEF55

 008000

 99FF71

 006500

 B7FF8C

 004C00

 D5FFA9

 003500

 F4FFC5

 001B00

 FFFFE2

 000000

 3BB616

 3BB616

 2DB604

 49B628

 2AB600

 57B63A

 65B64D

 73B65F

 81B671

 8FB683

 9DB695

 ABB6A8

 B9B6BA

Harmonies

Analogous

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



9EA600



3BB616



00BE70

Triad

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



3BB616



00B3FF



FF407E

Complementary

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



3BB616



9116B6

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.



FF4BCC



3BB616



009CFF

Square

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



3BB616



00BEFF



CD77FF



FF6534

Rectangle

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



3BB616



00C0A7



CD77FF



FF3D98

Sweetspot

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



3BB616



BEEDAF



B69116



5B7853



F7F7F7



787878

Same Dimension

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



3BB616



37ED00



16B641



555C53



249C00



061C00

Inverse Universe

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



9116B6



B600ED



B6168B



5A535C



78009C



16001C

Previews

White Background



This preview shows how the Hex color 3BB616 looks on a white background.

Color Contrast Check

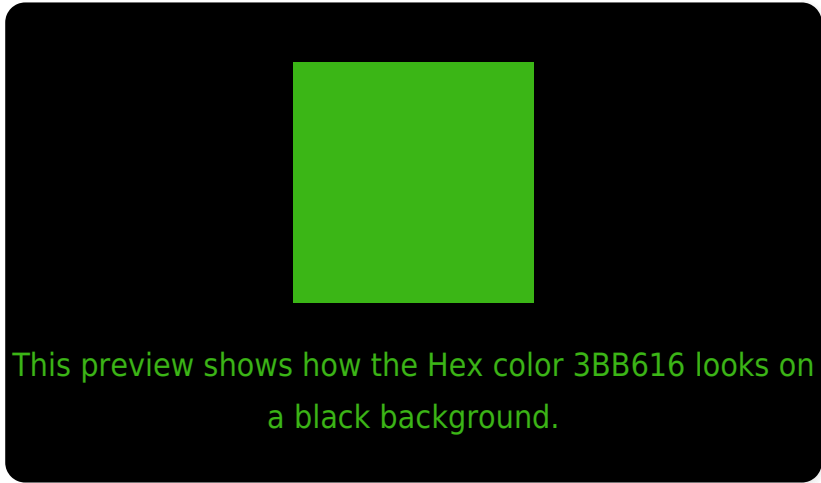
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

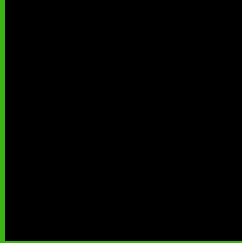
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 3BB616 Background



This preview shows how black text looks on a background with the Hex color 3BB616.

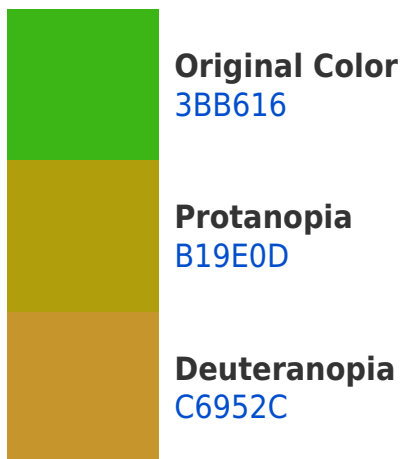


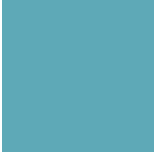
This preview shows how white text looks on a background with the Hex color 3BB616.

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
5EA9B7

Trichromacy



Original Color
3BB616



Protanomaly
86A710



Deuteranomaly
93A124



Tritanomaly
51AE7C

Monochromacy



Original Color
3BB616



Achromatopsia
7F7F7F



Achromatomaly
669359

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BB616 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 #3BB616 looks like.

```
.text, #text, p{  
    color:#3BB616  
}
```

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 #3BB616 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BB616
}
```

Border

The CSS property to change the border of an element to Hex 3BB616 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
#3BB616 }
```

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

```
.border{ border-color:#3BB616 }
```

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

Here you see how a box with a 4 pixel #3BB616 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BB616; -webkit-box-shadow:4px 4px  
4px 4px #3BB616; box-shadow:4px 4px 4px  
4px #3BB616 }
```

Background

The CSS property to change the background color of an element to Hex 3BB616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BB616 }
```

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

```
.background{ background-color:#3BB616 }
```

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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