

Converting Colors

Hex(44BB38)

Have a look what the booklet for
Hex(44BB38) contains.

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Color

Hex(44BB38)

Conversions

Conversions Part 1

Format	Color
Hex	44BB38
RGB	68, 187, 56
RGB Percent	27%, 73%, 22%
CMY	0.7333, 0.2667, 0.7804
CMYK	0.64, 0.00, 0.70, 0.27
HSL	115°, 54%, 48%
HSV	115°, 70%, 73%
XYZ	20.8680, 37.0551, 9.7939
YIQ	136.4850, -28.8730, -65.9690

Conversions

Conversions Part 2

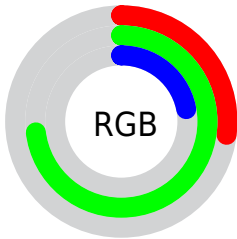
Format	Color
RYB	56, 187, 175
Decimal	4504376
CIELab	67.32, -57.49, 54.04
CIELCh	67, 78.905, 136.773
Yxy	37.0551, 0.3082, 0.5472
Android (android.graphics.Color)	4282694456 (0xFF44BB38)
YUV	136.4850, -39.6791, -60.0613
Hunter-Lab	60.8729, -45.3355, 33.0718

Details

The Hex color **44BB38** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **AF38BB**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **82F46E**, and **008400** is the 20% darker color. If you saturate the color by 10%, you get **33BB25**, and if you desaturate by 10%, it is **55BB4B**.

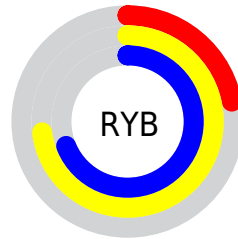
Distribution



Red (27%)

Green (73%)

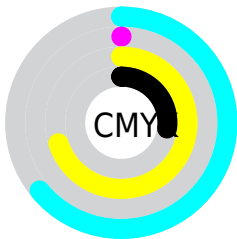
Blue (22%)



Red (22%)

Yellow (73%)

Blue (69%)

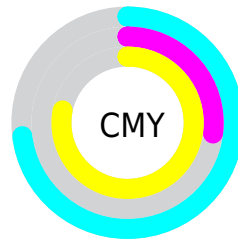


Cyan (64%)

Magenta (0%)

Yellow (70%)

Black (27%)



Cyan (73%)

Magenta (27%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44BB38 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 44BB38 by changing the saturation by 10% instead.

 44BB38

 44BB38

FFFFFF

 1C9F1A


 82F46E

 008400

 9FFF89

 006A00

 BDFFA4

 005100


 DBFFC1

 003900

 F9FFDD

 002100

 FFFFFA

 000000

 44BB38

 44BB38

 33BB25

 55BB4B

 22BB13

 66BB5D

 11BB00

 77BB70

 88BB83

 99BB95

 AABBA8

 BBBBBB

 CCBBCE

 DDBBE0

Harmonies

Analogous

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



9FAD00



44BB38



00C281

Triad

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



44BB38



00B5FF



FF597F

Complementary

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



44BB38



AF38BB

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.



FF5DC6



44BB38



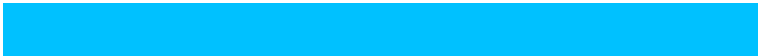
549EFF

Square

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



44BB38



00C1FF



D87DFF



FF753D

Rectangle

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



44BB38



00C4B3



D87DFF



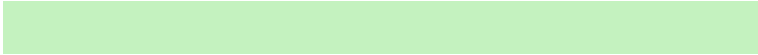
FF5597

Sweetspot

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



44BB38



C4F2BF



BBAE38



5F7A5C



FAFAFA



7A7A7A

Same Dimension

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



44BB38



39F227



38BB6C



565E55



0E9E00



031F00

Inverse Universe

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



AF38BB



E027F2



BB3887



5D555E



90009E



1C001F

Previews

White Background



This preview shows how the Hex color 44BB38 looks on a white background.

Color Contrast Check

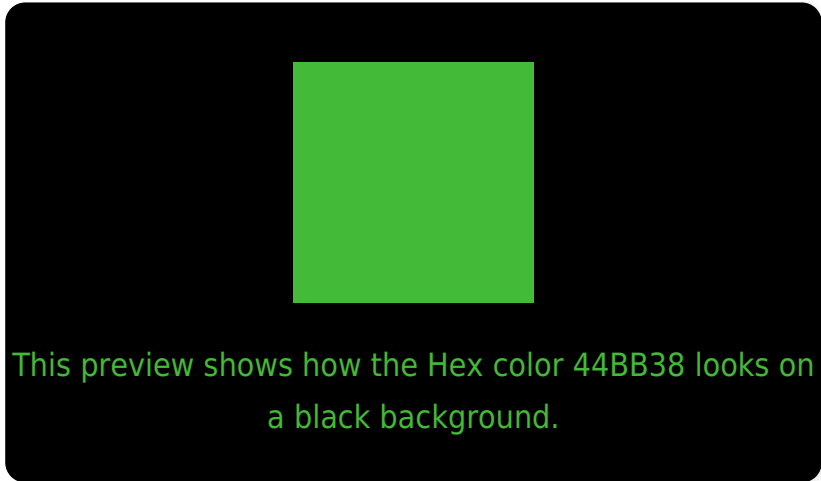
Large Text (above 18pt) WCAG AA × Fail

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 44BB38 Background



This preview shows how black text looks on a background with the Hex color 44BB38.

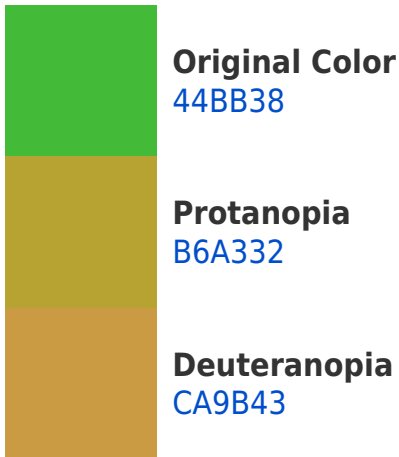


This preview shows how white text looks on a background with the Hex color 44BB38.

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
63AFBD

Trichromacy



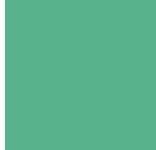
Original Color
44BB38



Protanomaly
8DAC34



Deuteranomaly
99A73F



Tritanomaly
58B38D

Monochromacy



Original Color
44BB38



Achromatopsia
888888



Achromatomaly
6F9B6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 44BB38 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 #44BB38 looks like.

```
.text, #text, p{  
    color:#44BB38  
}
```

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 #44BB38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44BB38
}
```

Border

The CSS property to change the border of an element to Hex 44BB38 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
#44BB38 }
```

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

```
.border{ border-color:#44BB38 }
```

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

Here you see how a box with a 4 pixel #44BB38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44BB38; -webkit-box-shadow:4px 4px  
4px 4px #44BB38; box-shadow:4px 4px 4px  
4px #44BB38 }
```

Background

The CSS property to change the background color of an element to Hex 44BB38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44BB38 }
```

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

```
.background{ background-color:#44BB38 }
```

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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