

Converting Colors

Hex(44B200)

Have a look what the booklet for
Hex(44B200) contains.

Hex(44B200)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(44B200)

Conversions

Conversions Part 1

Format	Color
Hex	44B200
RGB	68, 178, 0
RGB Percent	27%, 70%, 0%
CMY	0.7333, 0.3020, 1.0000
CMYK	0.62, 0.00, 1.00, 0.30
HSL	97°, 100%, 35%
HSV	97°, 100%, 70%
XYZ	18.3043, 33.0697, 5.4184
YIQ	124.8180, -8.4220, -78.6780

Conversions

Conversions Part 2

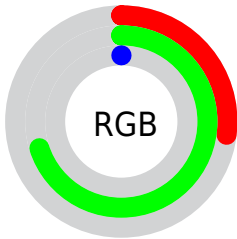
Format	Color
RYB	0, 178, 110
Decimal	4502016
CIELab	64.22, -57.02, 64.74
CIELCh	64, 86.274, 131.373
Yxy	33.0697, 0.3223, 0.5823
Android (android.graphics.Color)	4282692096 (0xFF44B200)
YUV	124.8180, -61.5353, -49.8294
Hunter-Lab	57.5063, -43.8193, 34.6680

Details

The Hex color **44B200** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6E00B2**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **82EB4C**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **44B200**, and if you desaturate by 10%, it is **4FB212**.

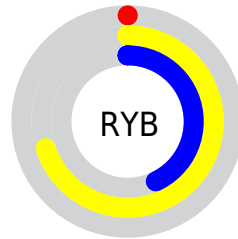
Distribution



Red (27%)

Green (70%)

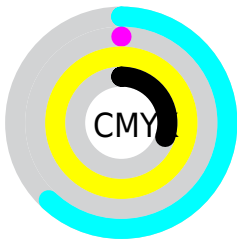
Blue (0%)



Red (0%)

Yellow (70%)

Blue (43%)

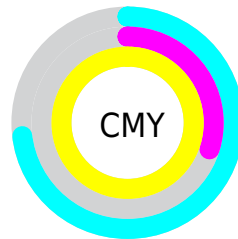


Cyan (62%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (73%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44B200 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 44B200 by changing the saturation by 10% instead.

 44B200

 44B200

FFFFFF

 1D9700

 82EB4C

 007C00

 9FFF68

 006200

 BDFF84

 004900

 DBFFA0

 003200

 F9FFBD

 001700

 FFFFDA

 000000

 FFFFF7

 44B200

 4FB212

 5AB224

 65B235

 70B247

 7BB259

 86B26B

 91B27D

 9CB28E

 A7B2A0

Harmonies

Analogous

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



A1A200



44B200



00BA67

Triad

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



44B200



00B2FF



FF3B82

Complementary

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



44B200



6E00B2

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.



FF4BCF



44B200



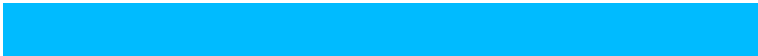
009CFF

Square

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



44B200



00BBFF



C178FF



FF5F38

Rectangle

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



44B200



00BD9D



C178FF



FF399C

Sweetspot

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



44B200



BDE8A2



B26E00



5B754B



F5F5F5



757575

Same Dimension

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



44B200



59E800



00B215



545950



3A9900



0A1A00

Inverse Universe

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



6E00B2



8F00E8



B2009D



565059



5F0099



10001A

Previews

White Background



This preview shows how the Hex color 44B200 looks on a white background.

Color Contrast Check

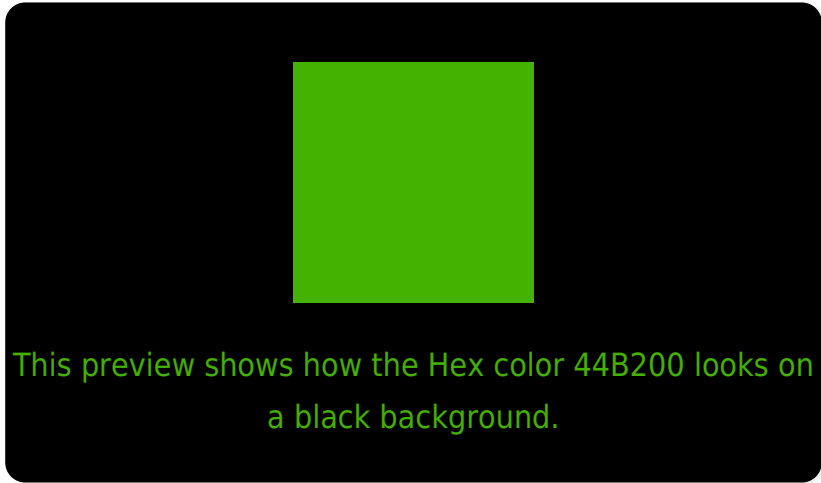
Large Text (above 18pt) WCAG AA × Fail

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 44B200 Background



This preview shows how black text looks on a background with the Hex color 44B200.

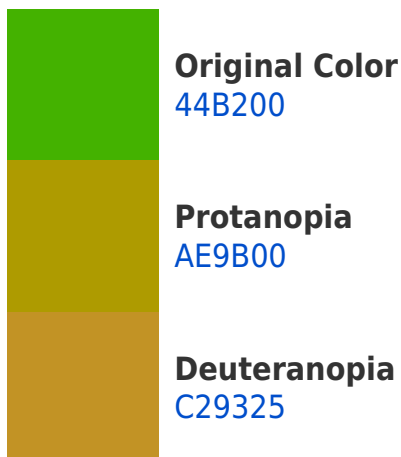


This preview shows how white text looks on a background with the Hex color 44B200.

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](#).

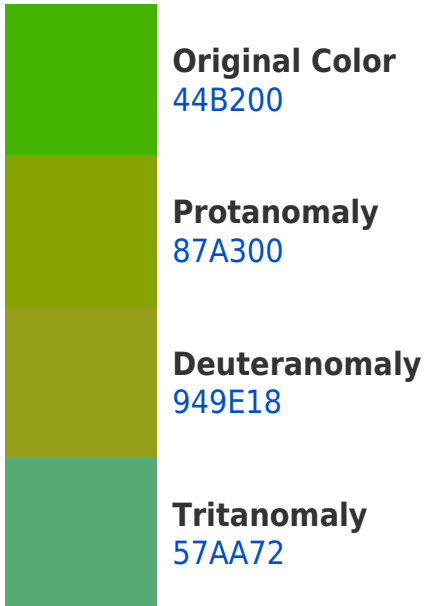
Dichromacy



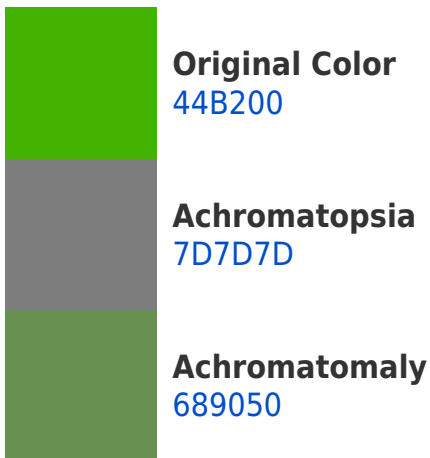


Tritanopia
62A5B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44B200 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 #44B200 looks like.

```
.text, #text, p{  
    color:#44B200  
}
```

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 #44B200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44B200
}
```

Border

The CSS property to change the border of an element to Hex 44B200 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".

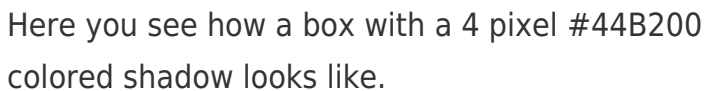
```
.border, #border, table{ border:4px solid
#44B200 }
```

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

```
.border{ border-color:#44B200 }
```

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

Here you see how a box with a 4 pixel #44B200 colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44B200; -webkit-box-shadow:4px 4px  
4px 4px #44B200; box-shadow:4px 4px 4px  
4px #44B200 }
```

Background

The CSS property to change the background color of an element to Hex 44B200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44B200 }
```

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

```
.background{ background-color:#44B200 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor