

Converting Colors

Hex(48B200)

Have a look what the booklet for
Hex(48B200) contains.

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Color

Hex(48B200)

Conversions

Conversions Part 1

Format	Color
Hex	48B200
RGB	72, 178, 0
RGB Percent	28%, 70%, 0%
CMY	0.7176, 0.3020, 1.0000
CMYK	0.60, 0.00, 1.00, 0.30
HSL	96°, 100%, 35%
HSV	96°, 100%, 70%
XYZ	18.5929, 33.2185, 5.4319
YIQ	126.0140, -6.0380, -77.8300

Conversions

Conversions Part 2

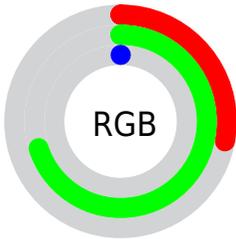
Format	Color
RYB	0, 178, 106
Decimal	4764160
CIELab	64.34, -56.03, 64.89
CIELCh	64, 85.732, 130.811
Yxy	33.2185, 0.3248, 0.5803
Android (android.graphics.Color)	4282954240 (0xFF48B200)
YUV	126.0140, -62.1249, -47.3703
Hunter-Lab	57.6355, -43.2790, 34.7571

Details

The Hex color **48B200** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **6A00B2**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **85EB4C**, and **007C00** is the 20% darker color. If you saturate the color by 10%, you get **48B200**, and if you desaturate by 10%, it is **53B212**.

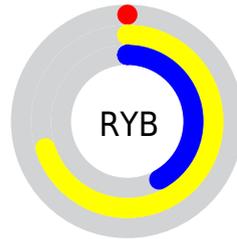
Distribution



Red (28%)

Green (70%)

Blue (0%)



Red (0%)

Yellow (70%)

Blue (42%)

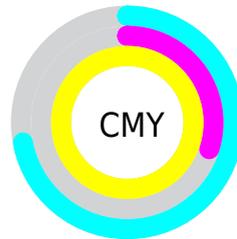


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (30%)



Cyan (72%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48B200 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 48B200 by changing the saturation by 10% instead.

 48B200

 48B200

FFFFFF

 239700

 85EB4C

 007C00

 A2FF68

 006200

 C0FF84

 004900

 DEFFA0

 003200

 FCFFBD

 001800

 FFFFDA

 000000

 FFFFF7

 48B200

 53B212

 5DB224

 68B235

 72B247

 7DB259

 88B26B

 92B27D

 9DB28E

 A7B2A0

Harmonies

Analogous

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



A3A100



48B200



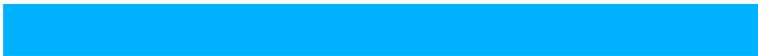
00BA66

Triad

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



48B200



00B2FF



FF3C84

Complementary

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



48B200



6A00B2

Split Complementary

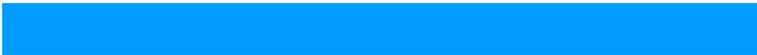
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF4DD0



48B200



009DFF

Square

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



48B200



00BCFF



BF79FF



FF5F3A

Rectangle

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



48B200



00BD9C



BF79FF



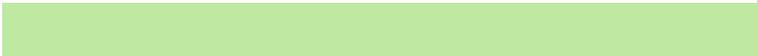
FF3B9D

Sweetspot

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



48B200



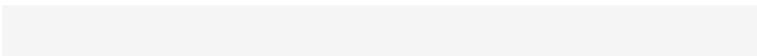
BFE8A2



B26800



5C754B



F5F5F5



757575

Same Dimension

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



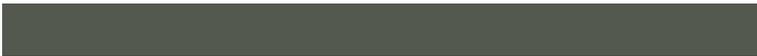
48B200



5EE800



00B20F



545950



3E9900



0A1A00

Inverse Universe

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



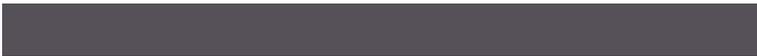
6A00B2



8A00E8



B200A3



565059



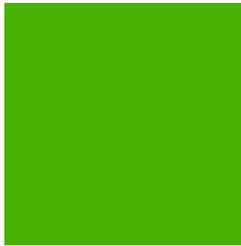
5B0099



0F001A

Previews

White Background



This preview shows how the Hex color 48B200 looks on a white background.

Color Contrast Check

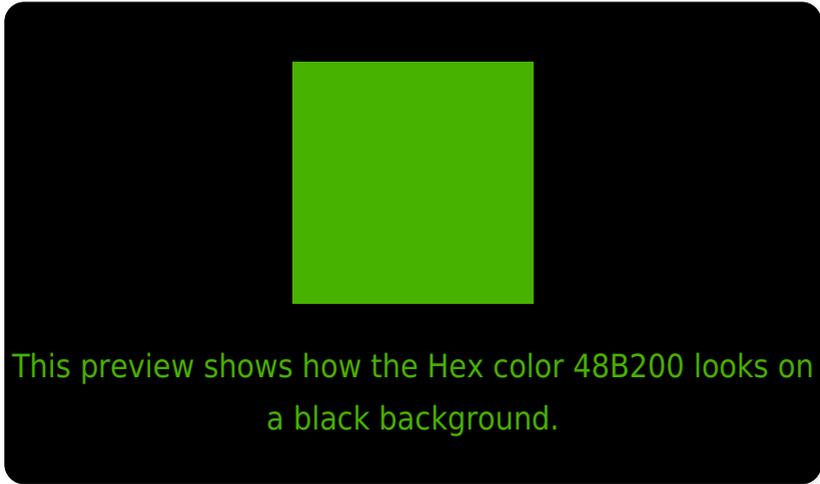
Large Text (above 18pt) WCAG AA × Fail

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

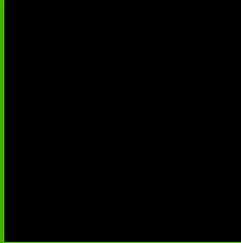
Any Text WCAG AA ✓ Pass

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 48B200 Background



This preview shows how black text looks on a background with the Hex color 48B200.



This preview shows how white text looks on a background with the Hex color 48B200.

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
48B200

Protanopia
AF9B00

Deuteranopia
C39325



Tritanopia
65A5B3

Trichromacy



Original Color
48B200



Protanomaly
8AA300



Deuteranomaly
969E18



Tritanomaly
5AAA72

Monochromacy



Original Color
48B200



Achromatopsia
7E7E7E



Achromatomaly
6A9150

CSS Examples

Text

The CSS property to change the color of the text to Hex 48B200 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 #48B200 looks like.

```
.text, #text, p{  
    color:#48B200  
}
```

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 #48B200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48B200
}
```

Border

The CSS property to change the border of an element to Hex 48B200 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
#48B200 }
```

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

```
.border{ border-color:#48B200 }
```

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

Here you see how a box with a 4 pixel #48B200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48B200; -webkit-box-shadow:4px 4px  
4px 4px #48B200; box-shadow:4px 4px 4px  
4px #48B200 }
```

Background

The CSS property to change the background color of an element to Hex 48B200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48B200 }
```

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

```
.background{ background-color:#48B200 }
```

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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