

# Converting Colors

Hex(4C8200)

Have a look what the booklet for  
Hex(4C8200) contains.

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**Color**

**Hex(4C8200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C8200
RGB	76, 130, 0
RGB Percent	30%, 51%, 0%
CMY	0.7020, 0.4902, 1.0000
CMYK	0.42, 0.00, 1.00, 0.49
HSL	85°, 100%, 25%
HSV	85°, 100%, 51%
XYZ	10.9631, 17.5018, 2.8004
YIQ	99.0340, 9.5460, -51.8780

# Conversions

## Conversions Part 2

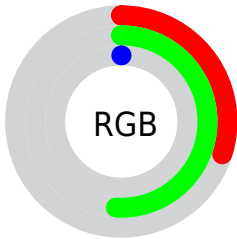
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 130, 54
Decimal	5014016
CIELab	48.89, -36.29, 52.84
CIELCh	49, 64.100, 124.484
Yxy	17.5018, 0.3506, 0.5598
Android (android.graphics.Color)	4283204096 (0xFF4C8200)
YUV	99.0340, -48.8238, -20.2008
Hunter-Lab	41.8351, -26.4345, 25.3158

# Details

The Hex color **4C8200** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **360082**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **82B741**, and **135000** is the 20% darker color. If you saturate the color by 10%, you get **4C8200**, and if you desaturate by 10%, it is **51820D**.

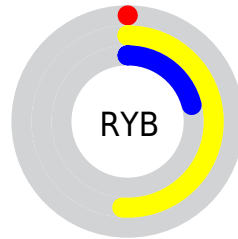
# Distribution



Red (30%)

Green (51%)

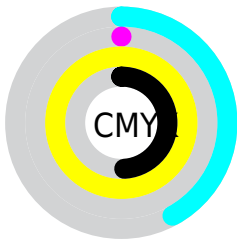
Blue (0%)



Red (0%)

Yellow (51%)

Blue (21%)

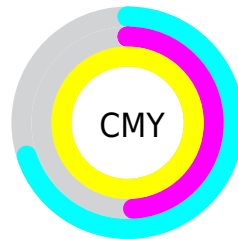


Cyan (42%)

Magenta (0%)

Yellow (100%)

Black (49%)



Cyan (70%)

Magenta (49%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C8200 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 4C8200 by changing the saturation by 10% instead.



 4C8200

 4C8200

FFFFFF

 316900

 82B741

 135000

 9ED35B

 003800

 BAF076

 002400

 D7FF91

 000000

 F4FFAD

 FFFFC9

 FFFFEE

 4C8200

 51820D

 57821A

 5C8227

 628234

 678241

 6C824E

 72825B

 778268

 7D8275

# Harmonies

## Analogous

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



857400



4C8200



008942

# Triad

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



4C8200



0086D6



D2366E

# Complementary

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



4C8200



360082

# 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.



BB45A4



4C8200



0078E1

# Square

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



4C8200



008CB1



7D62CE



CD453A

# Rectangle

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



4C8200



008C68



7D62CE



CE3881



# Sweetspot

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



4C8200



93A876



823400



485436



D4D4D4



545454



# Same Dimension

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



4C8200



62A800



0D8200



3D4039



4B8000



000000



# Inverse Universe

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



360082



4600A8



750082



3C3940



350080



000000



# Previews

## White Background



This preview shows how the Hex color 4C8200 looks on a white background.

## Color Contrast Check

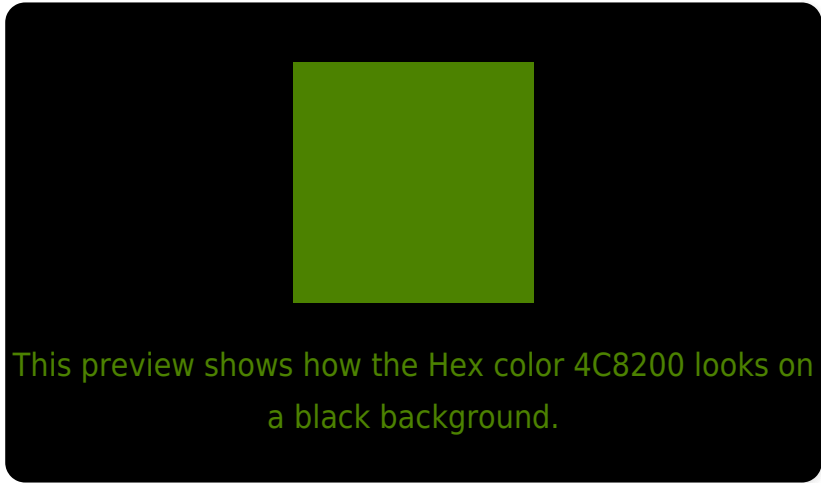
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 4C8200 Background



This preview shows how black text looks on a background with the Hex color 4C8200.



This preview shows how white text looks on a background with the Hex color 4C8200.

# 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**  
4C8200

**Protanopia**  
837400

**Deuteranopia**  
926E1A



**Tritanopia**  
5B7983

# Trichromacy



**Original Color**  
4C8200

**Protanomaly**  
6F7900

**Deuteranomaly**  
797511

**Tritanomaly**  
567C53

# Monochromacy



**Original Color**  
4C8200

**Achromatopsia**  
636363

**Achromatomaly**  
5B6E3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C8200 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 #4C8200 looks like.

```
.text, #text, p{  
    color:#4C8200  
}
```

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 #4C8200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C8200
}
```

## Border

The CSS property to change the border of an element to Hex 4C8200 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
#4C8200 }
```

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

```
.border{ border-color:#4C8200 }
```

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

Here you see how a box with a 4 pixel #4C8200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C8200; -webkit-box-shadow:4px 4px  
4px 4px #4C8200; box-shadow:4px 4px 4px  
4px #4C8200 }
```

# Background

The CSS property to change the background color of an element to Hex 4C8200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C8200 }
```

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

```
.background{ background-color:#4C8200 }
```

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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