

Converting Colors

Hex(4D8308)

Have a look what the booklet for
Hex(4D8308) contains.

Hex(4D8308)	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(4D8308)

Conversions

Conversions Part 1

Format	Color
Hex	4D8308
RGB	77, 131, 8
RGB Percent	30%, 51%, 3%
CMY	0.6980, 0.4863, 0.9686
CMYK	0.41, 0.00, 0.94, 0.49
HSL	86°, 88%, 27%
HSV	86°, 94%, 51%
XYZ	11.2207, 17.8279, 3.0795
YIQ	100.8320, 7.2990, -49.7010

Conversions

Conversions Part 2

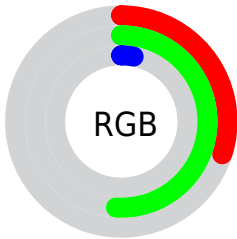
Format	Color
R_{YB}	8, 131, 62
Decimal	5079816
CIE _{Lab}	49.29, -36.13, 51.63
CIE _{LCh}	49, 63.013, 124.983
Yxy	17.8279, 0.3492, 0.5549
Android (android.graphics.Color)	4283269896 (0xFF4D8308)
YUV	100.8320, -45.7662, -20.9007
Hunter-Lab	42.2231, -26.4545, 25.2320

Details

The Hex color **4D8308** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **3E0883**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **83B845**, and **155100** is the 20% darker color. If you saturate the color by 10%, you get **498300**, and if you desaturate by 10%, it is **538315**.

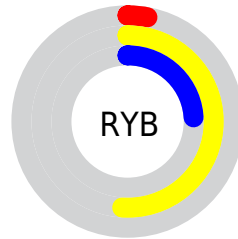
Distribution



Red (30%)

Green (51%)

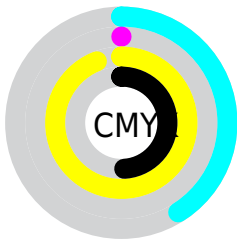
Blue (3%)



Red (3%)

Yellow (51%)

Blue (24%)

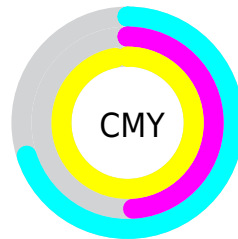


Cyan (41%)

Magenta (0%)

Yellow (94%)

Black (49%)



Cyan (70%)

Magenta (49%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8308 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 4D8308 by changing the saturation by 10% instead.



4D8308



4D8308

FFFFFF



326900



83B845



155100



9FD45F



003900



BBF17A



002500



D8FF95



000000



F5FFB0



FFFPCD



FFFPE9



4D8308



4D8308

■ 498300

■ 538315

■ 598322

■ 5E832F

■ 64833C

■ 6A8349

■ 708357

■ 758364

■ 7B8371

■ 81837E

Harmonies

Analogous

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



857600



4D8308



008A45

Triad

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



4D8308



0086D6



D2396F

Complementary

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



4D8308



3E0883

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.



BB47A3



4D8308



0079E0

Square

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



4D8308



008CB1



8063CE



CC483B

Rectangle

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



4D8308



008D6A



8063CE



CE3B81

Sweetspot

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



4D8308



96AB7B



833D08



4A5739



D6D6D6



575757

Same Dimension

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



4D8308



60AB00



108308



3F423C



498200



010300

Inverse Universe

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



3E0883



4B00AB



7B0883



3F3C42



390082



010003

Previews

White Background



This preview shows how the Hex color 4D8308 looks on a white background.

Color Contrast Check

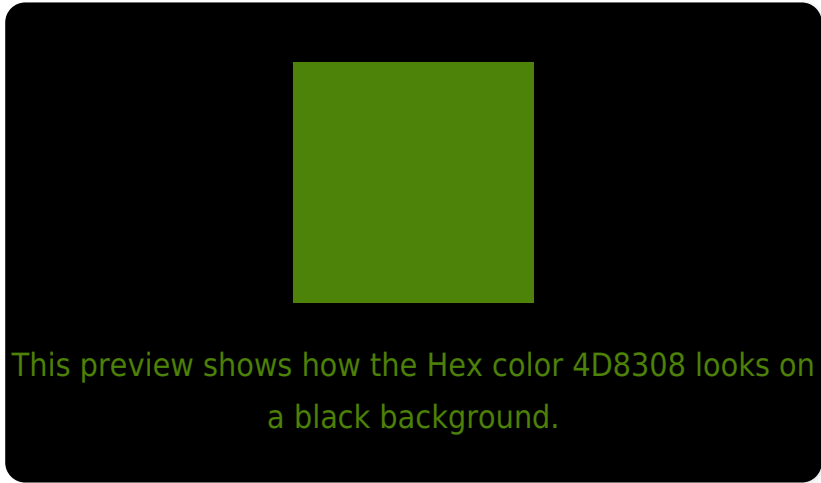
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D8308 Background



This preview shows how black text looks on a background with the Hex color 4D8308.



This preview shows how white text looks on a background with the Hex color 4D8308.

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
4D8308

Protanopia
847500

Deuteranopia
936F1B



Tritanopia
5C7A84

Trichromacy



Original Color
4D8308

Protanomaly
707A03

Deuteranomaly
7A7614

Tritanomaly
577D57

Monochromacy



Original Color
4D8308

Achromatopsia
656565

Achromatomaly
5C7043

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8308 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 #4D8308 looks like.

```
.text, #text, p{  
    color:#4D8308  
}
```

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 #4D8308 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8308
}
```

Border

The CSS property to change the border of an element to Hex 4D8308 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
#4D8308 }
```

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

```
.border{ border-color:#4D8308 }
```

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

Here you see how a box with a 4 pixel #4D8308 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8308; -webkit-box-shadow:4px 4px  
4px 4px #4D8308; box-shadow:4px 4px 4px  
4px #4D8308 }
```

Background

The CSS property to change the background color of an element to Hex 4D8308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8308 }
```

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

```
.background{ background-color:#4D8308 }
```

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