

Converting Colors

Hex(4D8039)

Have a look what the booklet for
Hex(4D8039) contains.

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Color

Hex(4D8039)

Conversions

Conversions Part 1

Format	Color
Hex	4D8039
RGB	77, 128, 57
RGB Percent	30%, 50%, 22%
CMY	0.6980, 0.4980, 0.7765
CMYK	0.40, 0.00, 0.55, 0.50
HSL	103°, 38%, 36%
HSV	103°, 55%, 50%
XYZ	11.5183, 17.3115, 6.6053
YIQ	104.6570, -7.6050, -32.8930

Conversions

Conversions Part 2

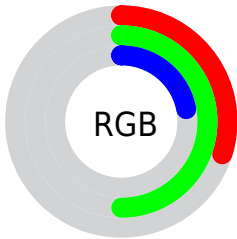
Format	Color
RYB	57, 128, 108
Decimal	5079097
CIELab	48.65, -31.23, 32.88
CIElCh	49, 45.351, 133.529
Yxy	17.3115, 0.3251, 0.4885
Android (android.graphics.Color)	4283269177 (0xFF4D8039)
YUV	104.6570, -23.4949, -24.2552
Hunter-Lab	41.6071, -23.3976, 19.7125

Details

The Hex color **4D8039** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6C3980**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **81B56A**, and **194E08** is the 20% darker color. If you saturate the color by 10%, you get **44802C**, and if you desaturate by 10%, it is **568046**.

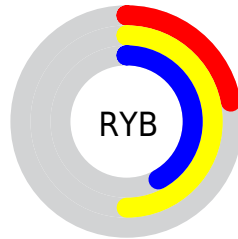
Distribution



Red (30%)

Green (50%)

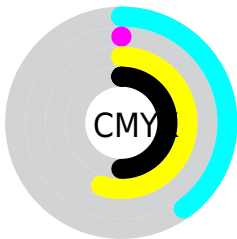
Blue (22%)



Red (22%)

Yellow (50%)

Blue (42%)

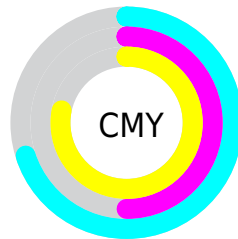


Cyan (40%)

Magenta (0%)

Yellow (55%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8039 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 4D8039 by changing the saturation by 10% instead.

 4D8039

 4D8039

FFFFFF

 346721

 81B56A

 194E08

 9CD184

 003700

 B8ED9E

 002300

 D4FFBA

 000000

 F1FFD6

 FFFFF2

 4D8039

 4D8039

 44802C

 568046

■ 3B801F

■ 5F8053

■ 318013

■ 69805F

■ 288006

■ 72806C

■ 248000

■ 7B8079

■ 848086

■ 8D8093

■ 97809F

■ A080AC

Harmonies

Analogous

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



787723



4D8039



00855C

Triad

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



4D8039



007EBD



BA5164

Complementary

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



4D8039



6C3980

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.



AF548A



4D8039



4D72BE

Square

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



4D8039



0084A8



8C62AC



B25B40

Rectangle

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



4D8039



008677



8C62AC



B95171

Sweetspot

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



4D8039



92A68A



806C39



485443



D4D4D4



545454

Same Dimension

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



4D8039



56A637



398048



3B4039



248000



000000

Inverse Universe

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



6C3980



8637A6



803971



3E3940



5C0080



000000

Previews

White Background



This preview shows how the Hex color 4D8039 looks on a white background.

Color Contrast Check

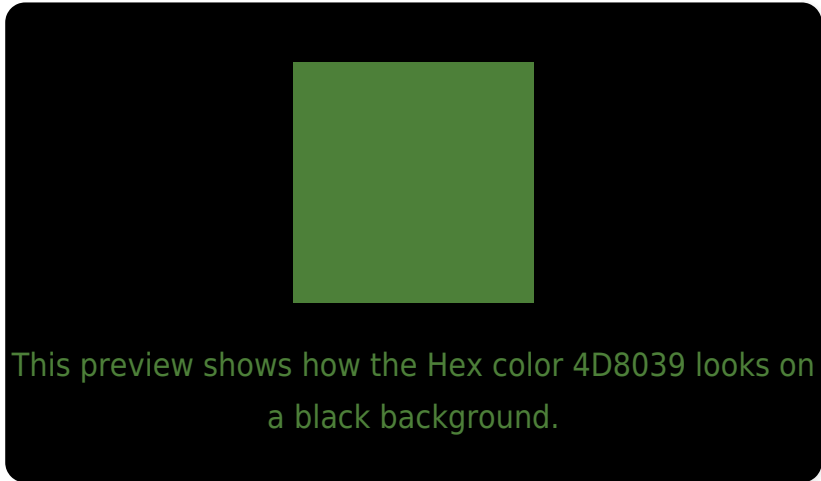
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4D8039 Background



This preview shows how black text looks on a background with the Hex color 4D8039.



This preview shows how white text looks on a background with the Hex color 4D8039.

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
4D8039

Protanopia
807335

Deuteranopia
8D6E3E



Tritanopia
597882

Trichromacy



Original Color
4D8039

Protanomaly
6D7836

Deuteranomaly
76753C

Tritanomaly
557B67

Monochromacy



Original Color
4D8039

Achromatopsia
696969

Achromatomaly
5F7158

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8039 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 #4D8039 looks like.

```
.text, #text, p{  
    color:#4D8039  
}
```

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 #4D8039 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8039
}
```

Border

The CSS property to change the border of an element to Hex 4D8039 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
#4D8039 }
```

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

```
.border{ border-color:#4D8039 }
```

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

Here you see how a box with a 4 pixel #4D8039 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8039; -webkit-box-shadow:4px 4px  
4px 4px #4D8039; box-shadow:4px 4px 4px  
4px #4D8039 }
```

Background

The CSS property to change the background color of an element to Hex 4D8039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8039 }
```

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

```
.background{ background-color:#4D8039 }
```

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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