

Converting Colors

Hex(4D8010)

Have a look what the booklet for
Hex(4D8010) contains.

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Color

Hex(4D8010)

Conversions

Conversions Part 1

Format	Color
Hex	4D8010
RGB	77, 128, 16
RGB Percent	30%, 50%, 6%
CMY	0.6980, 0.4980, 0.9373
CMYK	0.40, 0.00, 0.88, 0.50
HSL	87°, 78%, 28%
HSV	87°, 88%, 50%
XYZ	10.8733, 17.0535, 3.2088
YIQ	99.9830, 5.5560, -45.6440

Conversions

Conversions Part 2

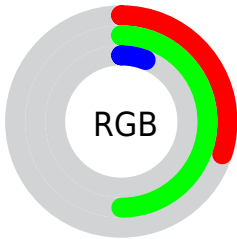
Format	Color
RYB	16, 128, 67
Decimal	5079056
CIELab	48.33, -34.55, 49.13
CIElCh	48, 60.065, 125.115
Yxy	17.0535, 0.3492, 0.5477
Android (android.graphics.Color)	4283269136 (0xFF4D8010)
YUV	99.9830, -41.4036, -20.1561
Hunter-Lab	41.2959, -25.2686, 24.3002

Details

The Hex color **4D8010** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **431080**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **83B548**, and **174E00** is the 20% darker color. If you saturate the color by 10%, you get **478003**, and if you desaturate by 10%, it is **53801D**.

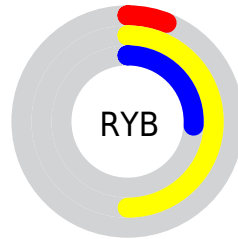
Distribution



Red (30%)

Green (50%)

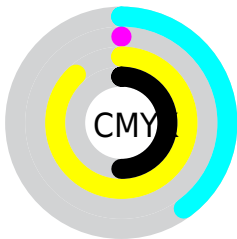
Blue (6%)



Red (6%)

Yellow (50%)

Blue (26%)

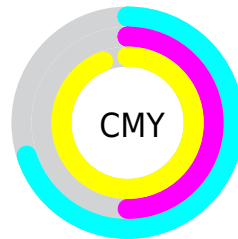


Cyan (40%)

Magenta (0%)

Yellow (88%)

Black (50%)



Cyan (70%)

Magenta (50%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D8010 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 4D8010 by changing the saturation by 10% instead.

 4D8010

 4D8010

FFFFFF

 326700

 83B548

 174E00

 9ED162

 003700

 BAED7D

 002300

 D7FF97

 000000

 F4FFB3

 FFFFCE

 FFFFEC

 4D8010

 4D8010

■ 478003

■ 53801D

■ 468000

■ 59802A

■ 5E8036

■ 648043

■ 6A8050

■ 70805D

■ 76806A

■ 7C8076

■ 818083

Harmonies

Analogous

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



827300



4D8010



008745

Triad

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



4D8010



0083CF



CC3B6C

Complementary

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



4D8010



431080

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.



B6489E



4D8010



0076D9

Square

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



4D8010



0089AC



7D61C6



C6493B

Rectangle

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



4D8010



008969



7D61C6



C83D7D

Sweetspot

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



4D8010



92A67B



804210



48543A



D4D4D4



545454

Same Dimension

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



4D8010



5AA600



168010



3D4039



458000



000000

Inverse Universe

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



431080



4B00A6



7A1080



3C3940



3A0080



000000

Previews

White Background



This preview shows how the Hex color 4D8010 looks on a white background.

Color Contrast Check

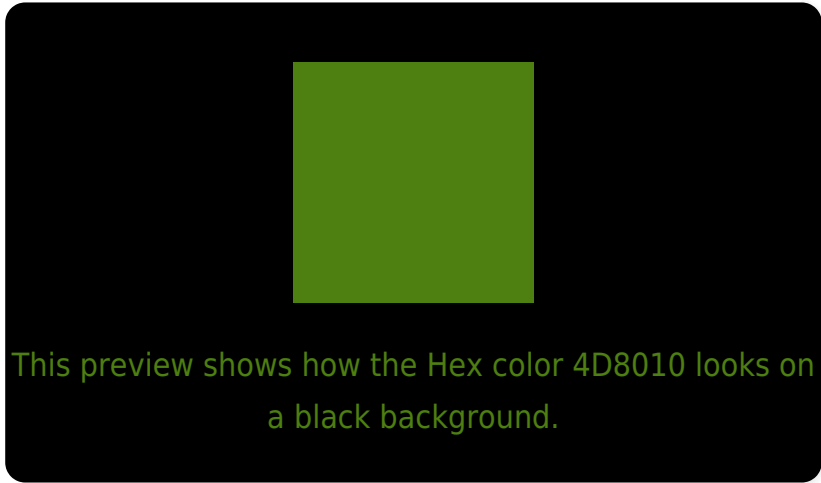
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D8010 Background



This preview shows how black text looks on a background with the Hex color 4D8010.



This preview shows how white text looks on a background with the Hex color 4D8010.

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
4D8010

Protanopia
81730B

Deuteranopia
906C1D



Tritanopia
5B7781

Trichromacy



Original Color
4D8010

Protanomaly
6E780D

Deuteranomaly
787318

Tritanomaly
567A58

Monochromacy



Original Color
4D8010

Achromatopsia
646464

Achromatomaly
5C6E45

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D8010 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 #4D8010 looks like.

```
.text, #text, p{  
    color:#4D8010  
}
```

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 #4D8010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8010
}
```

Border

The CSS property to change the border of an element to Hex 4D8010 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
#4D8010 }
```

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

```
.border{ border-color:#4D8010 }
```

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

Here you see how a box with a 4 pixel #4D8010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8010; -webkit-box-shadow:4px 4px  
4px 4px #4D8010; box-shadow:4px 4px 4px  
4px #4D8010 }
```

Background

The CSS property to change the background color of an element to Hex 4D8010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8010 }
```

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

```
.background{ background-color:#4D8010 }
```

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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