

Converting Colors

Hex(4D832F)

Have a look what the booklet for
Hex(4D832F) contains.

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Color

Hex(4D832F)

Conversions

Conversions Part 1

Format	Color
Hex	4D832F
RGB	77, 131, 47
RGB Percent	30%, 51%, 18%
CMY	0.6980, 0.4863, 0.8157
CMYK	0.41, 0.00, 0.64, 0.49
HSL	99°, 47%, 35%
HSV	99°, 64%, 51%
XYZ	11.6900, 18.0156, 5.5506
YIQ	105.2780, -5.2200, -37.5720

Conversions

Conversions Part 2

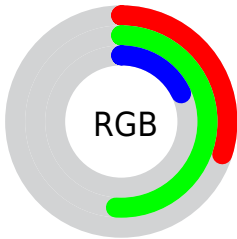
Format	Color
RYB	47, 131, 101
Decimal	5079855
CIELab	49.52, -33.74, 38.80
CIELCh	50, 51.417, 131.009
Yxy	18.0156, 0.3316, 0.5110
Android (android.graphics.Color)	4283269935 (0xFF4D832F)
YUV	105.2780, -28.7311, -24.7998
Hunter-Lab	42.4448, -25.1167, 21.9579

Details

The Hex color **4D832F** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **652F83**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **82B861**, and **175100** is the 20% darker color. If you saturate the color by 10%, you get **458322**, and if you desaturate by 10%, it is **55833C**.

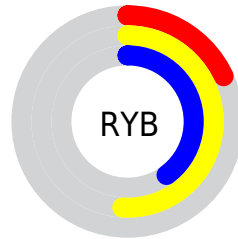
Distribution



Red (30%)

Green (51%)

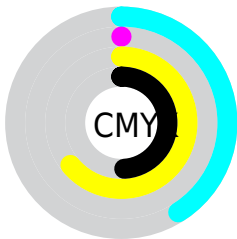
Blue (18%)



Red (18%)

Yellow (51%)

Blue (40%)

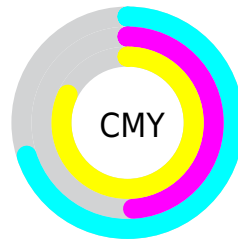


Cyan (41%)

Magenta (0%)

Yellow (64%)

Black (49%)



Cyan (70%)

Magenta (49%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D832F 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 4D832F by changing the saturation by 10% instead.



4D832F



4D832F

FFFFFF



336916



82B861



175100



9DD47A



003900



B9F195



002500



D5FFB0



000000



F2FFCC



FFFEE8



4D832F



4D832F



458322



55833C

■ 3C8315

■ 5E8349

■ 348308

■ 668356

■ 2F8300

■ 6F8363

■ 778371

■ 80837E

■ 88838B

■ 908398

■ 9983A5

Harmonies

Analogous

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



7D7914



4D832F



008958

Triad

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



4D832F



0082C8



C54C67

Complementary

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



4D832F



652F83

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.



B65193



4D832F



3A75CC

Square

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



4D832F



0089AE



8D63B8



BC583E

Rectangle

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



4D832F



008A76



8D63B8



C34C76

Sweetspot

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



4D832F



96AB8A



83642F



4A5743



D6D6D6



575757

Same Dimension

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



4D832F



56AB27



2F833A



3E423C



2E8200



010300

Inverse Universe

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



652F83



7C27AB



832F78



403C42



540082



020003

Previews

White Background



This preview shows how the Hex color 4D832F looks on a white background.

Color Contrast Check

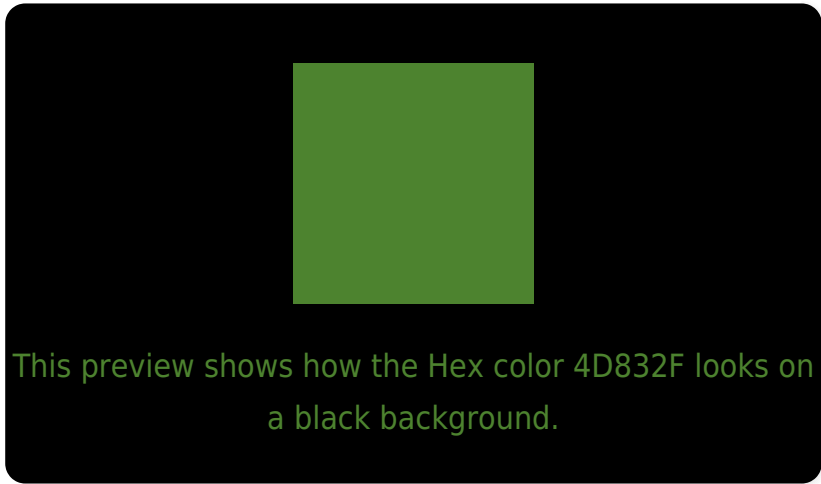
Large Text (above 18pt) WCAG AA ✓ Pass

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

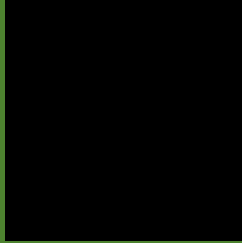
Any Text WCAG AA ✓ Pass

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 4D832F Background



This preview shows how black text looks on a background with the Hex color 4D832F.



This preview shows how white text looks on a background with the Hex color 4D832F.

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
4D832F

Protanopia
83752B

Deuteranopia
917035



Tritanopia
5B7B84

Trichromacy



Original Color
4D832F

Protanomaly
6F7A2C

Deuteranomaly
787733

Tritanomaly
567E65

Monochromacy



Original Color
4D832F

Achromatopsia
696969

Achromatomaly
5F7254

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D832F 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 #4D832F looks like.

```
.text, #text, p{  
    color:#4D832F  
}
```

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 #4D832F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D832F
}
```

Border

The CSS property to change the border of an element to Hex 4D832F 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
#4D832F }
```

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

```
.border{ border-color:#4D832F }
```

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

Here you see how a box with a 4 pixel #4D832F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D832F; -webkit-box-shadow:4px 4px  
4px 4px #4D832F; box-shadow:4px 4px 4px  
4px #4D832F }
```

Background

The CSS property to change the background color of an element to Hex 4D832F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D832F }
```

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

```
.background{ background-color:#4D832F }
```

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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