

Converting Colors

Hex(4D6732)

Have a look what the booklet for
Hex(4D6732) contains.

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Color

Hex(4D6732)

Conversions

Conversions Part 1

Format	Color
Hex	4D6732
RGB	77, 103, 50
RGB Percent	30%, 40%, 20%
CMY	0.6980, 0.5961, 0.8039
CMYK	0.25, 0.00, 0.51, 0.60
HSL	89°, 35%, 30%
HSV	89°, 51%, 40%
XYZ	8.4865, 11.5086, 4.7917
YIQ	89.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

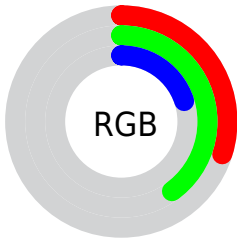
Format	Color
RYB	50, 103, 76
Decimal	5072690
CIELab	40.42, -19.73, 26.67
CIELCh	40, 33.176, 126.491
Yxy	11.5086, 0.3424, 0.4643
Android (android.graphics.Color)	4283262770 (0xFF4D6732)
YUV	89.1840, -19.3177, -10.6854
Hunter-Lab	33.9243, -14.7137, 15.3725

Details

The Hex color **4D6732** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C3267**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **7F9A62**, and **1E3804** is the 20% darker color. If you saturate the color by 10%, you get **486728**, and if you desaturate by 10%, it is **52673C**.

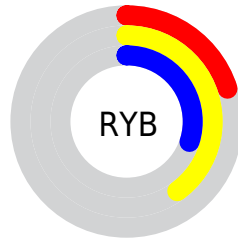
Distribution



Red (30%)

Green (40%)

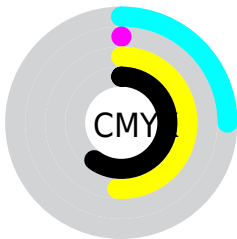
Blue (20%)



Red (20%)

Yellow (40%)

Blue (30%)

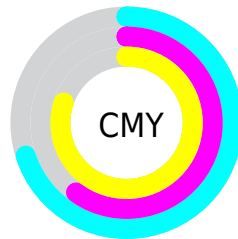


Cyan (25%)

Magenta (0%)

Yellow (51%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6732 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 4D6732 by changing the saturation by 10% instead.



4D6732



4D6732

FFFFFF



354F1B



7F9A62



1E3804



9AB57B



062200



B5D195



000300



D1EDB0



000000



EDFFCB



FFFFE8



4D6732



4D6732



486728



52673C

■ 43671D

■ 576747

■ 3E6713

■ 5C6751

■ 396709

■ 61675B

■ 346700

■ 666766

■ 6B6770

■ 70677A

■ 756784

■ 7A678F

Harmonies

Analogous

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



6A6027



4D6732



276B49

Triad

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



4D6732



006891



92485A

Complementary

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



4D6732



4C3267

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.



854C75



4D6732



3B6095

Square

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



4D6732



006C7F



69568B



8F4D40

Rectangle

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



4D6732



006D5B



69568B



8F4964

Sweetspot

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



4D6732



7D8773



674C32



3F4538



C4C4C4



454545

Same Dimension

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



4D6732



5E8733



336732



30332E



3A7300



7BF200

Inverse Universe

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



4C3267



5C3387



663267



302E33



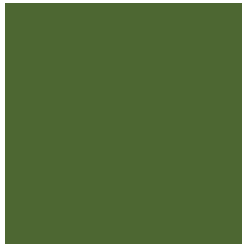
380073



7700F2

Previews

White Background



This preview shows how the Hex color 4D6732 looks on a white background.

Color Contrast Check

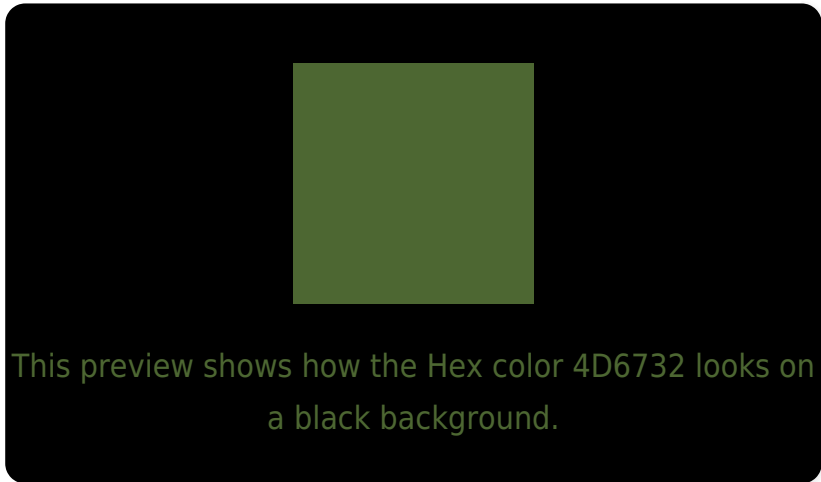
Large Text (above 18pt) WCAG AA ✓ Pass

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 4D6732 Background



This preview shows how black text looks on a background with the Hex color 4D6732.



This preview shows how white text looks on a background with the Hex color 4D6732.

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
4D6732

Protanopia
695F2F

Deuteranopia
745B35



Tritanopia
556169

Trichromacy



Original Color
4D6732

Protanomaly
5F6230

Deuteranomaly
665F34

Tritanomaly
526355

Monochromacy



Original Color
4D6732

Achromatopsia
595959

Achromatomaly
555E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6732 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 #4D6732 looks like.

```
.text, #text, p{  
    color:#4D6732  
}
```

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 #4D6732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6732
}
```

Border

The CSS property to change the border of an element to Hex 4D6732 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
#4D6732 }
```

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

```
.border{ border-color:#4D6732 }
```

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

Here you see how a box with a 4 pixel #4D6732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6732; -webkit-box-shadow:4px 4px  
4px 4px #4D6732; box-shadow:4px 4px 4px  
4px #4D6732 }
```

Background

The CSS property to change the background color of an element to Hex 4D6732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6732 }
```

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

```
.background{ background-color:#4D6732 }
```

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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