

Converting Colors

Hex(4D6728)

Have a look what the booklet for
Hex(4D6728) contains.

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Color

Hex(4D6728)

Conversions

Conversions Part 1

Format	Color
Hex	4D6728
RGB	77, 103, 40
RGB Percent	30%, 40%, 16%
CMY	0.6980, 0.5961, 0.8431
CMYK	0.25, 0.00, 0.61, 0.60
HSL	85°, 44%, 28%
HSV	85°, 61%, 40%
XYZ	8.2938, 11.4315, 3.7768
YIQ	88.0440, 4.7270, -25.1050

Conversions

Conversions Part 2

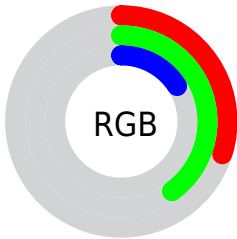
Format	Color
RYB	40, 103, 66
Decimal	5072680
CIELab	40.30, -20.89, 31.84
CIELCh	40, 38.081, 123.269
Yxy	11.4315, 0.3529, 0.4864
Android (android.graphics.Color)	4283262760 (0xFF4D6728)
YUV	88.0440, -23.6857, -9.6856
Hunter-Lab	33.8105, -15.3817, 17.0443

Details

The Hex color **4D6728** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **422867**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **809A58**, and **1E3800** is the 20% darker color. If you saturate the color by 10%, you get **49671E**, and if you desaturate by 10%, it is **516732**.

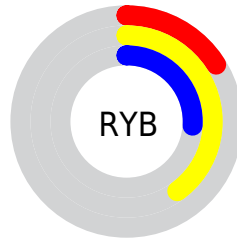
Distribution



 Red (30%)

 Green (40%)

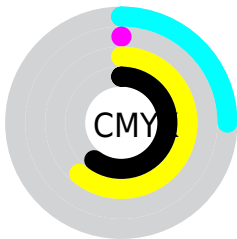
 Blue (16%)



 Red (16%)

 Yellow (40%)

 Blue (26%)

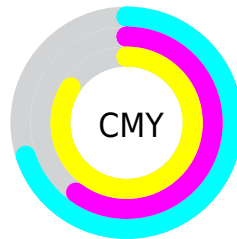


 Cyan (25%)

 Magenta (0%)

 Yellow (61%)

 Black (60%)



 Cyan (70%)

 Magenta (60%)

 Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6728 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 4D6728 by changing the saturation by 10% instead.



4D6728



4D6728

FFFFFF



354F10



809A58



1E3800



9AB571



022200



B6D18B



000200



D2EDA5



000000



EEFFC1



FFFFDD



FFFFFFA



4D6728



4D6728

■ 49671E

■ 516732

■ 446713

■ 56673D

■ 406709

■ 5A6747

■ 3C6700

■ 5E6751

■ 62675C

■ 676766

■ 6B6770

■ 6F677A

■ 736785

Harmonies

Analogous

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



6D5E1D



4D6728



1F6C42

Triad

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



4D6728



006996



97435D

Complementary

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



4D6728



422867

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.



88497C



4D6728



25619D

Square

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



4D6728



006E80



655593



96483F

Rectangle

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



4D6728



006E57



655593



944467

Sweetspot

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



4D6728



7D876F



674128



3F4536



C4C4C4



454545

Same Dimension

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



4D6728



5E8724



2E6728



31332E



437300



8EF200

Inverse Universe

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



422867



4D2487



612867



302E33



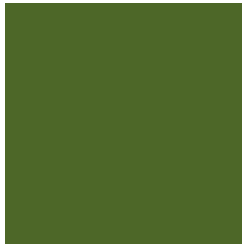
2F0073



6400F2

Previews

White Background



This preview shows how the Hex color 4D6728 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

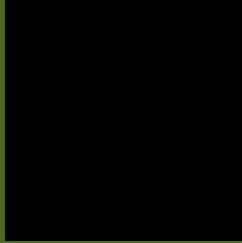
Any Text WCAG AA × Fail

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 4D6728 Background



This preview shows how black text looks on a background with the Hex color 4D6728.



This preview shows how white text looks on a background with the Hex color 4D6728.

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
4D6728

Protanopia
6A5F26

Deuteranopia
755A2C



Tritanopia
556168

Trichromacy



Original Color
4D6728

Protanomaly
5F6227

Deuteranomaly
665F2B

Tritanomaly
526351

Monochromacy



Original Color
4D6728

Achromatopsia
585858

Achromatomaly
545D47

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6728 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 #4D6728 looks like.

```
.text, #text, p{  
    color:#4D6728  
}
```

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 #4D6728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6728
}
```

Border

The CSS property to change the border of an element to Hex 4D6728 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
#4D6728 }
```

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

```
.border{ border-color:#4D6728 }
```

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

Here you see how a box with a 4 pixel #4D6728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6728; -webkit-box-shadow:4px 4px  
4px 4px #4D6728; box-shadow:4px 4px 4px  
4px #4D6728 }
```

Background

The CSS property to change the background color of an element to Hex 4D6728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6728 }
```

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

```
.background{ background-color:#4D6728 }
```

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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