

Converting Colors

Hex(4D6547)

Have a look what the booklet for
Hex(4D6547) contains.

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Color

Hex(4D6547)

Conversions

Conversions Part 1

Format	Color
Hex	4D6547
RGB	77, 101, 71
RGB Percent	30%, 40%, 28%
CMY	0.6980, 0.6039, 0.7216
CMYK	0.24, 0.00, 0.30, 0.60
HSL	108°, 17%, 34%
HSV	108°, 30%, 40%
XYZ	8.8516, 11.3401, 7.6836
YIQ	90.4040, -4.6740, -14.4180

Conversions

Conversions Part 2

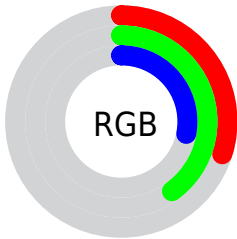
Format	Color
RYB	71, 101, 95
Decimal	5072199
CIELab	40.15, -15.38, 14.16
CIElCh	40, 20.903, 137.365
Yxy	11.3401, 0.3175, 0.4068
Android (android.graphics.Color)	4283262279 (0xFF4D6547)
YUV	90.4040, -9.5662, -11.7553
Hunter-Lab	33.6750, -12.0120, 10.0444

Details

The Hex color **4D6547** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5F4765**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7F9878**, and **20361B** is the 20% darker color. If you saturate the color by 10%, you get **45653D**, and if you desaturate by 10%, it is **556551**.

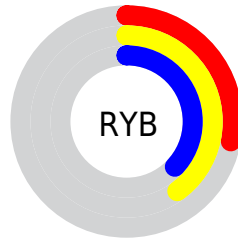
Distribution



 Red (30%)

 Green (40%)

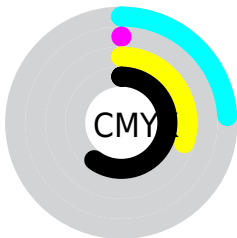
 Blue (28%)



 Red (28%)

 Yellow (40%)

 Blue (37%)

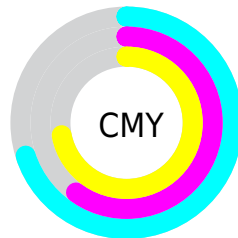


 Cyan (24%)

 Magenta (0%)

 Yellow (30%)

 Black (60%)



 Cyan (70%)

 Magenta (60%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6547 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 4D6547 by changing the saturation by 10% instead.



4D6547



4D6547

FFFFFF



364D30



7F9878



20361B



99B391



0C2102



B4CEAC



000100



CFEBC7



000000



ECFFE3



4D6547



4D6547



45653D



556551



3D6533



5D655B

 356529

 656565

 2D651F

 6D656F

 256515

 75657A

 1D650A

 7D6584

 146500

 86658E

 8E6598

 9665A2

Harmonies

Analogous

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



60613E



4D6547



396757

Triad

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



4D6547



3D6280



815255

Complementary

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



4D6547



5F4765

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.



7C5367



4D6547



575D7F

Square

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



4D6547



286677



6D5776



7C5546

Rectangle

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



4D6547



2D6862



6D5776



80525B

Sweetspot

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



4D6547



798276



655F47



3C423B



C2C2C2



424242

Same Dimension

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



4D6547



5D8253



476550



2F332E



177300



30F200

Inverse Universe

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



5F4765



795382



65475C



322E33



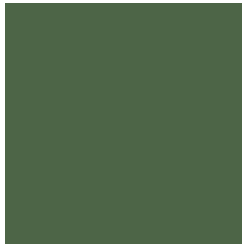
5C0073



C200F2

Previews

White Background



This preview shows how the Hex color 4D6547 looks on a white background.

Color Contrast Check

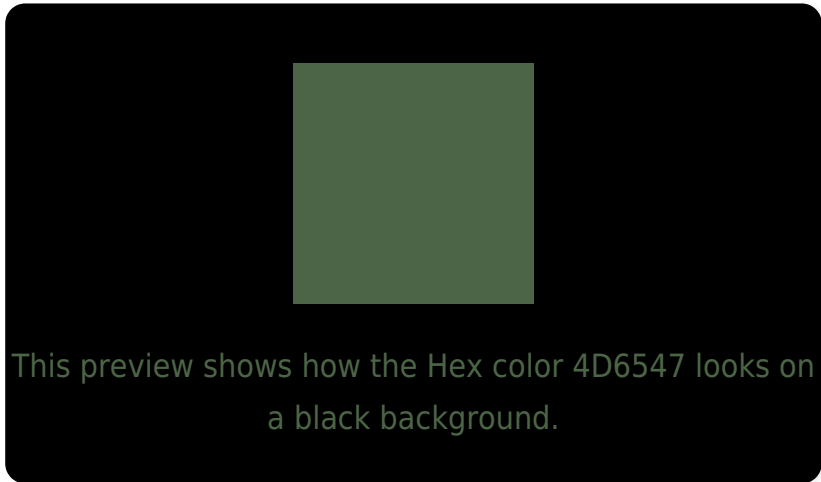
Large Text (above 18pt) WCAG AA ✓ Pass

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

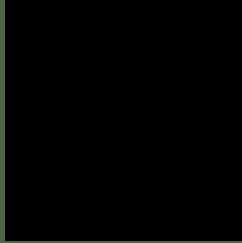
Any Text WCAG AA × Fail

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 4D6547 Background



This preview shows how black text looks on a background with the Hex color 4D6547.



This preview shows how white text looks on a background with the Hex color 4D6547.

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](#).

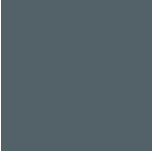
Dichromacy



Original Color
4D6547

Protanopia
665E44

Deuteranopia
6F5B49



Tritanopia
536168

Trichromacy



Original Color
4D6547

Protanomaly
5D6145

Deuteranomaly
635F48

Tritanomaly
51625C

Monochromacy



Original Color
4D6547

Achromatopsia
5A5A5A

Achromatomaly
555E53

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6547 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 #4D6547 looks like.

```
.text, #text, p{  
    color:#4D6547  
}
```

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 #4D6547 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6547
}
```

Border

The CSS property to change the border of an element to Hex 4D6547 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
#4D6547 }
```

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

```
.border{ border-color:#4D6547 }
```

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

Here you see how a box with a 4 pixel #4D6547 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6547; -webkit-box-shadow:4px 4px  
4px 4px #4D6547; box-shadow:4px 4px 4px  
4px #4D6547 }
```

Background

The CSS property to change the background color of an element to Hex 4D6547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6547 }
```

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

```
.background{ background-color:#4D6547 }
```

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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