

Converting Colors

Hex(4D6D55)

Have a look what the booklet for
Hex(4D6D55) contains.

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Color

Hex(4D6D55)

Conversions

Conversions Part 1

Format	Color
Hex	4D6D55
RGB	77, 109, 85
RGB Percent	30%, 43%, 33%
CMY	0.6980, 0.5725, 0.6667
CMYK	0.29, 0.00, 0.22, 0.57
HSL	135°, 17%, 36%
HSV	135°, 29%, 43%
XYZ	10.1689, 13.1709, 10.6006
YIQ	96.6960, -11.3680, -14.2480

Conversions

Conversions Part 2

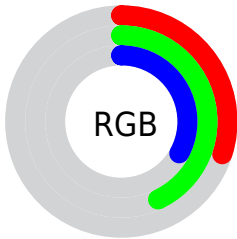
Format	Color
RYB	77, 103, 109
Decimal	5074261
CIELab	43.02, -17.03, 9.75
CIELCh	43, 19.625, 150.206
Yxy	13.1709, 0.2996, 0.3881
Android (android.graphics.Color)	4283264341 (0xFF4D6D55)
YUV	96.6960, -5.7661, -17.2734
Hunter-Lab	36.2918, -13.4952, 8.0860

Details

The Hex color **4D6D55** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6D4D65**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **7FA187**, and **1F3D28** is the 20% darker color. If you saturate the color by 10%, you get **426D4D**, and if you desaturate by 10%, it is **586D5D**.

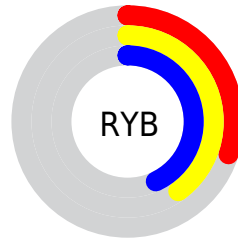
Distribution



Red (30%)

Green (43%)

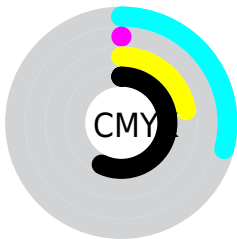
Blue (33%)



Red (30%)

Yellow (40%)

Blue (43%)

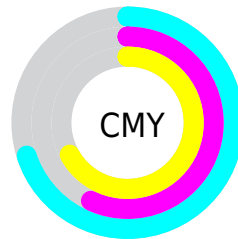


Cyan (29%)

Magenta (0%)

Yellow (22%)

Black (57%)



Cyan (70%)

Magenta (57%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D6D55 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 4D6D55 by changing the saturation by 10% instead.

■ 4D6D55

■ 4D6D55

FFFFFF

■ 36553E

■ 7FA187

■ 1F3D28

■ 99BCA1

■ 092713

■ B4D8BC

■ 001200

■ D0F4D8

■ 000000

■ ECFF4

■ 4D6D55

■ 4D6D55

■ 426D4D

■ 586D5D

■ 376D45

■ 636D65

 2C6D3C

 6E6D6E

 216D34

 796D76

 176D2C

 846D7E

 0C6D24

 8E6D86

 016D1C

 996D8E

 006D1B

 A46D96

 AF6D9F

Harmonies

Analogous

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



606A49



4D6D55



3C6F65

Triad

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



4D6D55



516786



865B56

Complementary

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



4D6D55



6D4D65

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.



855A66



4D6D55



686182

Square

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



4D6D55



3C6C81



7A5C76



7E5F4A

Rectangle

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



4D6D55



346F70



7A5C76



865A5B

Sweetspot

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



4D6D55



828F85



656D4D



404742



C7C7C7



474747

Same Dimension

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



4D6D55



5D8F69



4D6D65



303632



00751D



00F53D

Inverse Universe

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



6D4D65



8F5D82



6D4D55



363034



750058



F500B8

Previews

White Background



This preview shows how the Hex color 4D6D55 looks on a white background.

Color Contrast Check

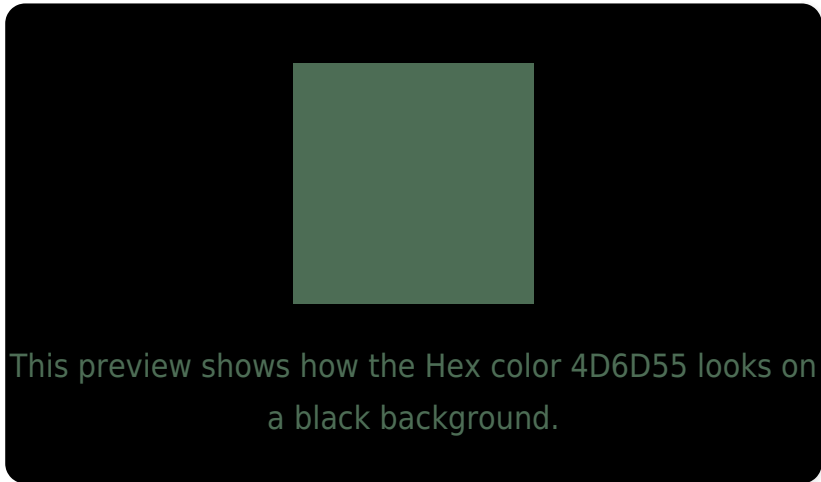
Large Text (above 18pt) WCAG AA ✓ Pass

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

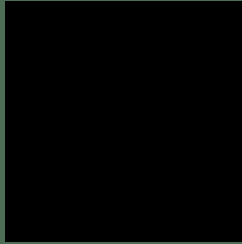
Any Text WCAG AA × Fail

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 4D6D55 Background



This preview shows how black text looks on a background with the Hex color 4D6D55.



This preview shows how white text looks on a background with the Hex color 4D6D55.

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
4D6D55

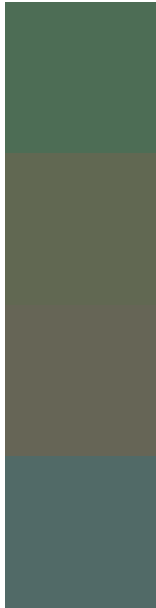
Protanopia
6C6551

Deuteranopia
746157



Tritanopia
536972

Trichromacy



Original Color
4D6D55

Protanomaly
616852

Deuteranomaly
666556

Tritanomaly
516A67

Monochromacy



Original Color
4D6D55

Achromatopsia
616161

Achromatomaly
5A655D

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D6D55 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 #4D6D55 looks like.

```
.text, #text, p{  
    color:#4D6D55  
}
```

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 #4D6D55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D6D55  
}
```

Border

The CSS property to change the border of an element to Hex 4D6D55 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  
#4D6D55 }
```

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

```
.border{ border-color:#4D6D55 }
```

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

Here you see how a box with a 4 pixel #4D6D55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D6D55; -webkit-box-shadow:4px 4px  
4px 4px #4D6D55; box-shadow:4px 4px 4px  
4px #4D6D55 }
```

Background

The CSS property to change the background color of an element to Hex 4D6D55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D6D55 }
```

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

```
.background{ background-color:#4D6D55 }
```

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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