

Converting Colors

Hex(4D663E)

Have a look what the booklet for
Hex(4D663E) contains.

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Color

Hex(4D663E)

Conversions

Conversions Part 1

Format	Color
Hex	4D663E
RGB	77, 102, 62
RGB Percent	30%, 40%, 24%
CMY	0.6980, 0.6000, 0.7569
CMYK	0.25, 0.00, 0.39, 0.60
HSL	98°, 24%, 32%
HSV	98°, 39%, 40%
XYZ	8.6814, 11.4283, 6.3058
YIQ	89.9650, -2.0600, -17.7400

Conversions

Conversions Part 2

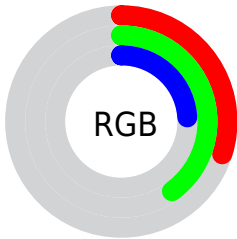
Format	Color
RYB	62, 102, 87
Decimal	5072446
CIELab	40.29, -17.47, 19.68
CIELCh	40, 26.311, 131.592
Yxy	11.4283, 0.3286, 0.4326
Android (android.graphics.Color)	4283262526 (0xFF4D663E)
YUV	89.9650, -13.7867, -11.3703
Hunter-Lab	33.8058, -13.3208, 12.6048

Details

The Hex color **4D663E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **573E66**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **7F996E**, and **1F3712** is the 20% darker color. If you saturate the color by 10%, you get **476634**, and if you desaturate by 10%, it is **536648**.

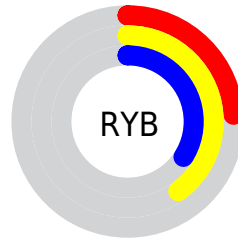
Distribution



Red (30%)

Green (40%)

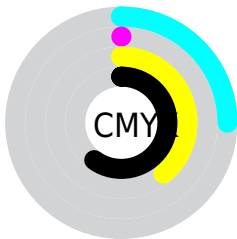
Blue (24%)



Red (24%)

Yellow (40%)

Blue (34%)

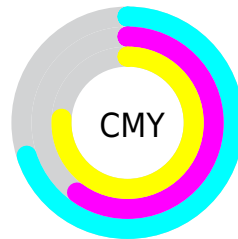


Cyan (25%)

Magenta (0%)

Yellow (39%)

Black (60%)



Cyan (70%)

Magenta (60%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D663E 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 4D663E by changing the saturation by 10% instead.

 4D663E

 4D663E

FFFFFF

 364E28

 7F996E

 1F3712

 99B488

 0B2100

 B4D0A2

 000200

 D0ECBD

 000000

 ECFFD9

 FFFFF5

 4D663E

 4D663E

 476634

 536648

■ 40662A

■ 5A6652

■ 3A661F

■ 60665D

■ 336615

■ 676667

■ 2D660B

■ 6D6671

■ 276601

■ 73667B

■ 266600

■ 7A6685

■ 806690

■ 86669A

Harmonies

Analogous

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



656034



4D663E



316951

Triad

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



4D663E



256587



894E57

Complementary

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



4D663E



573E66

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.



80506D



4D663E



4D5E89

Square

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



4D663E



00697B



6C567F



855243

Rectangle

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



4D663E



1A6A5F



6C567F



874E5F

Sweetspot

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



4D663E



7B8575



66573E



3C4239



C2C2C2



424242

Same Dimension

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



4D663E



5E8546



3E6643



30332E



2B7300



5BF200

Inverse Universe

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



573E66



6D4685



663E61



312E33



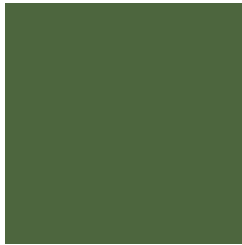
480073



9700F2

Previews

White Background



This preview shows how the Hex color 4D663E looks on a white background.

Color Contrast Check

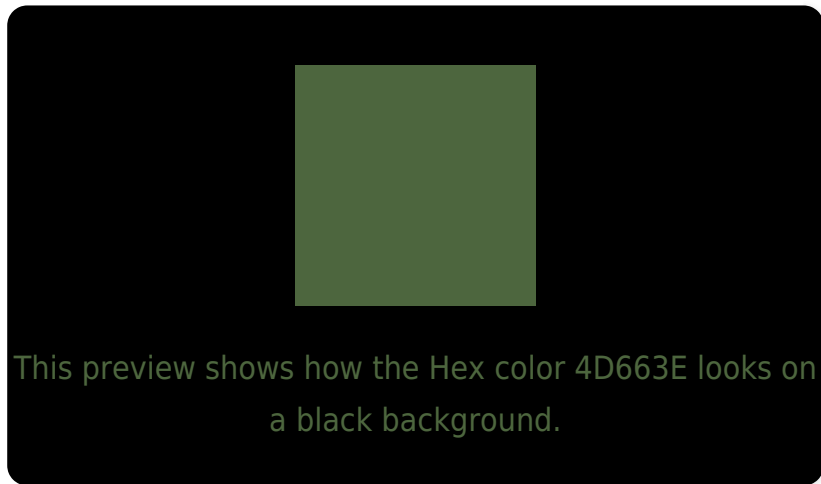
Large Text (above 18pt) WCAG AA ✓ Pass

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

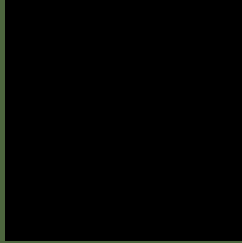
Any Text WCAG AA × Fail

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 4D663E Background



This preview shows how black text looks on a background with the Hex color 4D663E.



This preview shows how white text looks on a background with the Hex color 4D663E.

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
4D663E

Protanopia
675F3B

Deuteranopia
715B41



Tritanopia
546169

Trichromacy



Original Color
4D663E

Protanomaly
5E623C

Deuteranomaly
645F40

Tritanomaly
516359

Monochromacy



Original Color
4D663E

Achromatopsia
5A5A5A

Achromatomaly
555E50

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D663E 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 #4D663E looks like.

```
.text, #text, p{  
    color:#4D663E  
}
```

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 #4D663E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D663E
}
```

Border

The CSS property to change the border of an element to Hex 4D663E 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".

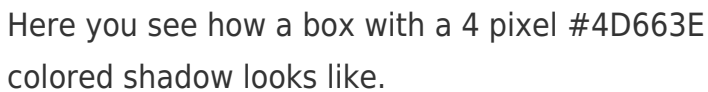
```
.border, #border, table{ border:4px solid
#4D663E }
```

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

```
.border{ border-color:#4D663E }
```

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

Here you see how a box with a 4 pixel #4D663E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D663E; -webkit-box-shadow:4px 4px  
4px 4px #4D663E; box-shadow:4px 4px 4px  
4px #4D663E }
```

Background

The CSS property to change the background color of an element to Hex 4D663E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D663E }
```

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

```
.background{ background-color:#4D663E }
```

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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