

Converting Colors

Hex(29663D)

Have a look what the booklet for
Hex(29663D) contains.

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Color

Hex(29663D)

Conversions

Conversions Part 1

Format	Color
Hex	29663D
RGB	41, 102, 61
RGB Percent	16%, 40%, 24%
CMY	0.8392, 0.6000, 0.7608
CMYK	0.60, 0.00, 0.40, 0.60
HSL	140°, 43%, 28%
HSV	140°, 60%, 40%
XYZ	6.5081, 10.3111, 6.0621
YIQ	79.0870, -23.1950, -25.6830

Conversions

Conversions Part 2

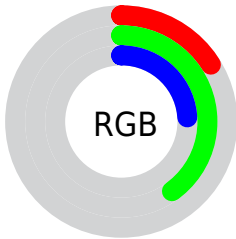
Format	Color
RYB	41, 87, 102
Decimal	2713149
CIELab	38.40, -29.91, 17.42
CIELCh	38, 34.608, 149.787
Yxy	10.3111, 0.2844, 0.4506
Android (android.graphics.Color)	4280903229 (0xFF29663D)
YUV	79.0870, -8.9169, -33.4023
Hunter-Lab	32.1109, -20.0162, 11.2845




Details

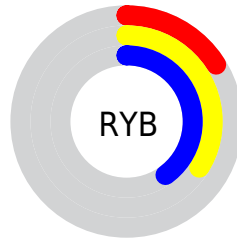
The Hex color **29663D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **662952**, and the grayscale version is **4F4F4F**.




A 20% lighter version of the original color is **5C9A6D**, and **003612** is the 20% darker color. If you saturate the color by 10%, you get **1F6636**, and if you desaturate by 10%, it is **336644**.

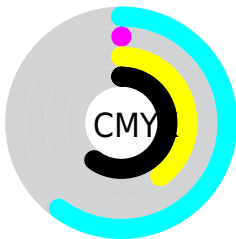
Distribution







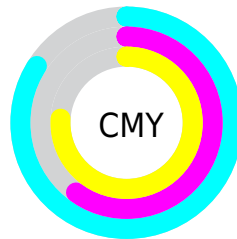
-  Red (16%)
-  Green (40%)
-  Blue (24%)






-  Red (16%)
-  Yellow (34%)
-  Blue (40%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (40%)
-  Black (60%)



-  Cyan (84%)
-  Magenta (60%)
-  Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29663D 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 29663D by changing the saturation by 10% instead.

 29663D

 29663D

FFFFFF

 0B4E27

 5C9A6D

 003612

 76B586

 002200

 91D0A1

 000000

 ACEDBC

 C8FFD7

 E5FFF4

 29663D

 29663D

 1F6636

 336644

■ 15662F

■ 3D664B

■ 0A6628

■ 486652

■ 006622

■ 526658

■ 006621

■ 5C665F

■ 666666

■ 70666D

■ 7B6674

■ 85667B

Harmonies

Analogous

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



4E6127



29663D



006859

Triad

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



29663D



215D92



8D4540

Complementary

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



29663D



662952

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.



8D425C



29663D



5B538B

Square

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



29663D



00648A



7D4877



804E2A

Rectangle

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



29663D



00686C



7D4877



8F4349

Sweetspot

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



29663D



6D8575



536629



344238



C2C2C2



424242

Same Dimension

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



29663D



258544



29665B



2E3330



007326



00F24F

Inverse Universe

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



662952



852565



662934



332E31



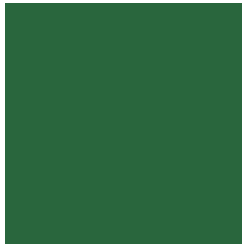
73004D



F200A3

Previews

White Background



This preview shows how the Hex color 29663D looks on a white background.

Color Contrast Check

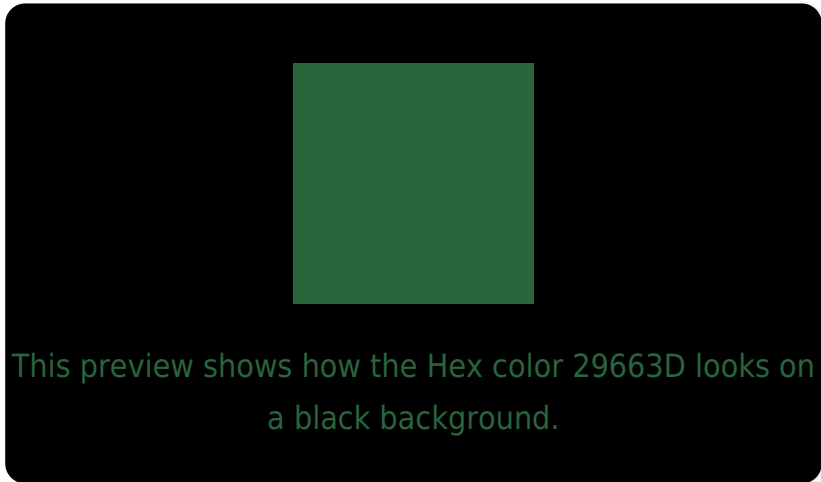
Large Text (above 18pt) WCAG AA ✓ Pass

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 29663D Background



This preview shows how black text looks on a background with the Hex color 29663D.



This preview shows how white text looks on a background with the Hex color 29663D.

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
29663D

Protanopia
625A38

Deuteranopia
6B5641



Tritanopia
366169

Trichromacy



Original Color
29663D

Protanomaly
4D5E3A

Deuteranomaly
535C40

Tritanomaly
316359

Monochromacy



Original Color
29663D

Achromatopsia
4F4F4F

Achromatomaly
415748

CSS Examples

Text

The CSS property to change the color of the text to Hex 29663D 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 #29663D looks like.

```
.text, #text, p{  
    color:#29663D  
}
```

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 #29663D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29663D
}
```

Border

The CSS property to change the border of an element to Hex 29663D 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".

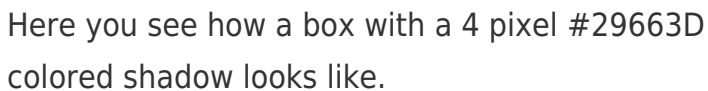
```
.border, #border, table{ border:4px solid
#29663D }
```

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

```
.border{ border-color:#29663D }
```

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

Here you see how a box with a 4 pixel #29663D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29663D; -webkit-box-shadow:4px 4px  
4px 4px #29663D; box-shadow:4px 4px 4px  
4px #29663D }
```

Background

The CSS property to change the background color of an element to Hex 29663D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29663D }
```

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

```
.background{ background-color:#29663D }
```

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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