

Converting Colors

Hex(2D643F)

Have a look what the booklet for
Hex(2D643F) contains.

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Color

Hex(2D643F)

Conversions

Conversions Part 1

Format	Color
Hex	2D643F
RGB	45, 100, 63
RGB Percent	18%, 39%, 25%
CMY	0.8235, 0.6078, 0.7529
CMYK	0.55, 0.00, 0.37, 0.61
HSL	140°, 38%, 28%
HSV	140°, 55%, 39%
XYZ	6.5366, 10.0311, 6.2943
YIQ	79.3370, -20.9030, -23.1670

Conversions

Conversions Part 2

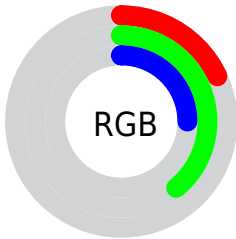
Format	Color
RYB	45, 86, 100
Decimal	2974783
CIELab	37.90, -27.47, 15.60
CIElCh	38, 31.587, 150.413
Yxy	10.0311, 0.2859, 0.4388
Android (android.graphics.Color)	4281164863 (0xFF2D643F)
YUV	79.3370, -8.0541, -30.1135
Hunter-Lab	31.6719, -18.5864, 10.3874

Details

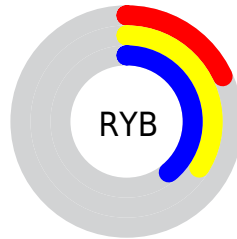
The Hex color **2D643F** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **642D52**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **5F976F**, and **003414** is the 20% darker color. If you saturate the color by 10%, you get **236438**, and if you desaturate by 10%, it is **376446**.

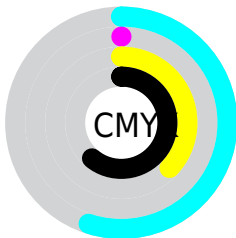
Distribution



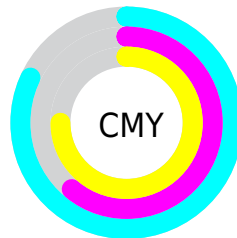
- Red (18%)
- Green (39%)
- Blue (25%)



- Red (18%)
- Yellow (34%)
- Blue (39%)



- Cyan (55%)
- Magenta (0%)
- Yellow (37%)
- Black (61%)



- Cyan (82%)
- Magenta (61%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D643F 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 2D643F by changing the saturation by 10% instead.

 2D643F

 2D643F

FFFFFF

 124C29

 5F976F

 003414

 79B288

 002100

 94CEA3

 000000

 AFEABE

 CBFFDA

 E8FFF6

 2D643F

 2D643F

 236438

 376446

■ 196432

■ 41644C

■ 0F642B

■ 4B6453

■ 056424

■ 55645A

■ 006421

■ 5F6461

■ 696467

■ 73646E

■ 7D6475

■ 87647C

Harmonies

Analogous

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



4E5F2B



2D643F



006659

Triad

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



2D643F



2C5C8C



884641

Complementary

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



2D643F



642D52

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.



88445A



2D643F



5B5285

Square

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



2D643F



006285



794973



7C4F2D

Rectangle

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



2D643F



00666A



794973



894549

Sweetspot

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



2D643F



6C8273



53642D



354239



C2C2C2



424242

Same Dimension

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



2D643F



2C8248



2D645A



2E3330



007326



00F24F

Inverse Universe

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



642D52



822C66



642D37



332E31



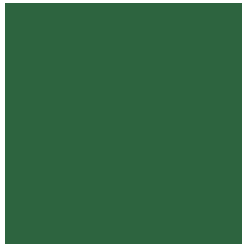
73004D



F200A3

Previews

White Background



This preview shows how the Hex color 2D643F looks on a white background.

Color Contrast Check

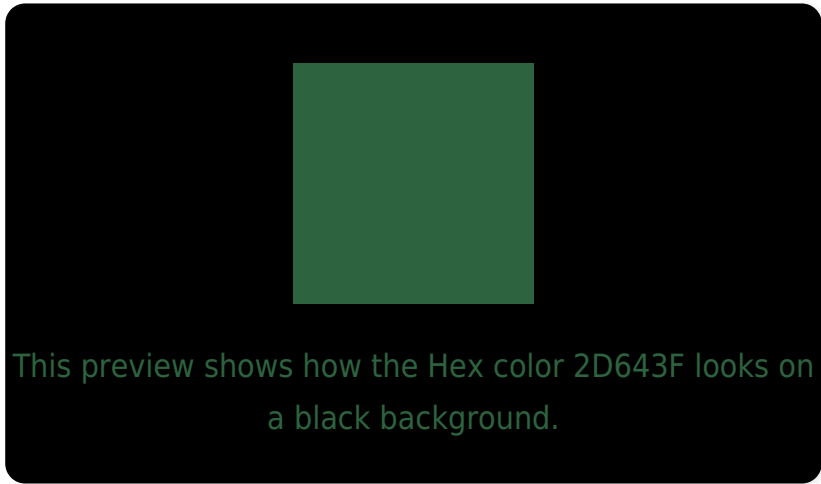
Large Text (above 18pt) WCAG AA ✓ Pass

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

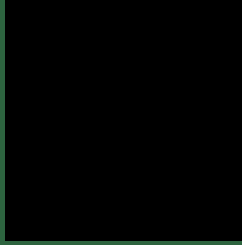
Any Text WCAG AA × Fail

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 2D643F Background



This preview shows how black text looks on a background with the Hex color 2D643F.



This preview shows how white text looks on a background with the Hex color 2D643F.

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
2D643F

Protanopia
60593A

Deuteranopia
695542



Tritanopia
385F67

Trichromacy



Original Color
2D643F

Protanomaly
4D5D3C

Deuteranomaly
535A41

Tritanomaly
346158

Monochromacy



Original Color
2D643F

Achromatopsia
4F4F4F

Achromatomaly
435749

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D643F 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 #2D643F looks like.

```
.text, #text, p{  
    color:#2D643F  
}
```

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 #2D643F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D643F
}
```

Border

The CSS property to change the border of an element to Hex 2D643F 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".

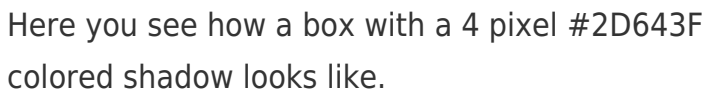
```
.border, #border, table{ border:4px solid
#2D643F }
```

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

```
.border{ border-color:#2D643F }
```

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

Here you see how a box with a 4 pixel #2D643F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D643F; -webkit-box-shadow:4px 4px  
4px 4px #2D643F; box-shadow:4px 4px 4px  
4px #2D643F }
```

Background

The CSS property to change the background color of an element to Hex 2D643F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D643F }
```

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

```
.background{ background-color:#2D643F }
```

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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