

Converting Colors

Hex(284F42)

Have a look what the booklet for
Hex(284F42) contains.

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Color

Hex(284F42)

Conversions

Conversions Part 1

Format	Color
Hex	284F42
RGB	40, 79, 66
RGB Percent	16%, 31%, 26%
CMY	0.8431, 0.6902, 0.7412
CMYK	0.49, 0.00, 0.16, 0.69
HSL	160°, 33%, 23%
HSV	160°, 49%, 31%
XYZ	4.6544, 6.4364, 6.1513
YIQ	65.8570, -19.0710, -12.3110

Conversions

Conversions Part 2

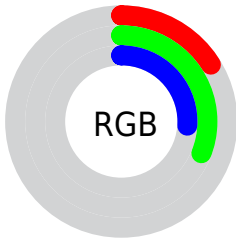
Format	Color
R_{YB}	40, 63, 79
Decimal	2641730
CIE _{Lab}	30.49, -17.45, 3.41
CIE _{LCh}	30, 17.781, 168.945
Yxy	6.4364, 0.2699, 0.3733
Android (android.graphics.Color)	4280831810 (0xFF284F42)
YUV	65.8570, 0.0705, -22.6766
Hunter-Lab	25.3701, -11.6499, 3.3835

Details

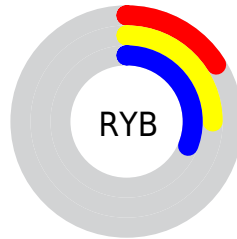
The Hex color **284F42** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F2835**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **588072**, and **002217** is the 20% darker color. If you saturate the color by 10%, you get **204F3F**, and if you desaturate by 10%, it is **304F45**.

Distribution



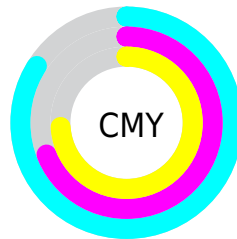
- Red (16%)
- Green (31%)
- Blue (26%)



- Red (16%)
- Yellow (25%)
- Blue (31%)



- Cyan (49%)
- Magenta (0%)
- Yellow (16%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284F42 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 284F42 by changing the saturation by 10% instead.

■ 284F42

■ 284F42

FFFFFF

■ 10382C

■ 588072

■ 002217

■ 719B8B

■ 000300

■ 8BB5A6

■ 000000

■ A6D1C1

■ C1EDDD

■ DDFFF9

■ FAFFFF

■ 284F42

■ 284F42

■ 204F3F

■ 304F45

■ 184F3D

■ 384F47

■ 104F3A

■ 404F4A

■ 084F37

■ 484F4D

■ 014F35

■ 504F4F

■ 004F35

■ 574F52

■ 5F4F54

■ 674F57

■ 6F4F5A

Harmonies

Analogous

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



394D35



284F42



1A4F50

Triad

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



284F42



424662



604133

Complementary

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



284F42



4F2835

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.



633E3F



284F42



54415A

Square

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



284F42



2D4B63



603E4D



56452D

Rectangle

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



284F42



184F59



603E4D



623F37

Sweetspot

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



284F42



576661



354F28



2A3330



B3B3B3



333333

Same Dimension

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



284F42



2A6652



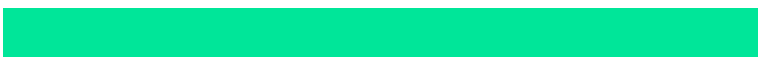
28494F



222625



006644



00E699

Inverse Universe

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



4F2835



662A3E



4F2F28



262224



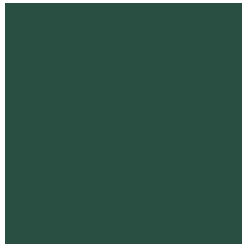
660022



E6004D

Previews

White Background



This preview shows how the Hex color 284F42 looks on a white background.

Color Contrast Check

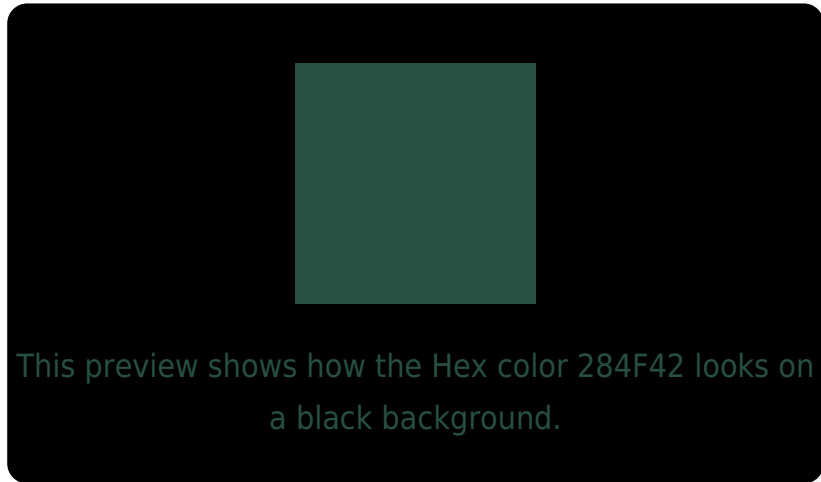
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

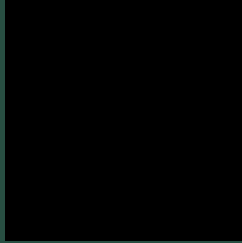
Any Text WCAG AA × Fail

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 284F42 Background



This preview shows how black text looks on a background with the Hex color 284F42.



This preview shows how white text looks on a background with the Hex color 284F42.

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](#).

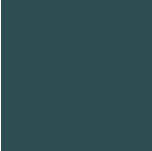
Dichromacy



Original Color
284F42

Protanopia
4B473E

Deuteranopia
504544



Tritanopia
2D4D53

Trichromacy



Original Color
284F42

Protanomaly
3E4A3F

Deuteranomaly
414943

Tritanomaly
2B4E4D

Monochromacy



Original Color
284F42

Achromatopsia
424242

Achromatomaly
394742

CSS Examples

Text

The CSS property to change the color of the text to Hex 284F42 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 #284F42 looks like.

```
.text, #text, p{  
    color:#284F42  
}
```

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 #284F42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284F42
}
```

Border

The CSS property to change the border of an element to Hex 284F42 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
#284F42 }
```

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

```
.border{ border-color:#284F42 }
```

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

Here you see how a box with a 4 pixel #284F42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284F42; -webkit-box-shadow:4px 4px  
4px 4px #284F42; box-shadow:4px 4px 4px  
4px #284F42 }
```

Background

The CSS property to change the background color of an element to Hex 284F42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284F42 }
```

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

```
.background{ background-color:#284F42 }
```

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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