

Converting Colors

Hex(284F38)

Have a look what the booklet for
Hex(284F38) contains.

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Color

Hex(284F38)

Conversions

Conversions Part 1

Format	Color
Hex	284F38
RGB	40, 79, 56
RGB Percent	16%, 31%, 22%
CMY	0.8431, 0.6902, 0.7804
CMYK	0.49, 0.00, 0.29, 0.69
HSL	145°, 33%, 23%
HSV	145°, 49%, 31%
XYZ	4.3849, 6.3286, 4.7318
YIQ	64.7170, -15.8610, -15.4210

Conversions

Conversions Part 2

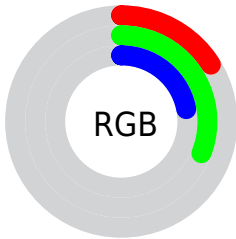
Format	Color
RYB	40, 68, 79
Decimal	2641720
CIELab	30.23, -19.93, 9.39
CIELCh	30, 22.027, 154.780
Yxy	6.3286, 0.2839, 0.4097
Android (android.graphics.Color)	4280831800 (0xFF284F38)
YUV	64.7170, -4.2975, -21.6768
Hunter-Lab	25.1567, -12.9114, 6.4576

Details

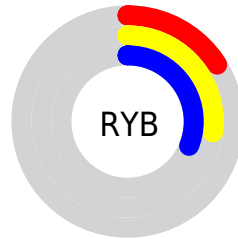
The Hex color **284F38** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4F283F**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **588067**, and **00220D** is the 20% darker color. If you saturate the color by 10%, you get **204F33**, and if you desaturate by 10%, it is **304F3D**.

Distribution



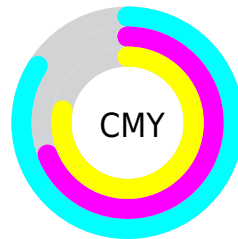
- Red (16%)
- Green (31%)
- Blue (22%)



- Red (16%)
- Yellow (27%)
- Blue (31%)



- Cyan (49%)
- Magenta (0%)
- Yellow (29%)
- Black (69%)



- Cyan (84%)
- Magenta (69%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284F38 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 284F38 by changing the saturation by 10% instead.



284F38



284F38

FFFFFF



103822



588067



00220D



719B80



000200



8BB69A



000000



A6D1B5



C1EED0



DDFFED



FAFFFF



284F38



284F38

■ 204F33

■ 304F3D

■ 184F2F

■ 384F41

■ 104F2A

■ 404F46

■ 084F25

■ 484F4B

■ 014F21

■ 504F4F

■ 004F20

■ 574F54

■ 5F4F59

■ 674F5D

■ 6F4F62

Harmonies

Analogous

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



3D4C2A



284F38



0B5049

Triad

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



284F38



324869



673C35

Complementary

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



284F38



4F283F

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.



683A45



284F38



4D4263

Square

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



284F38



0E4D66



5F3C56



5E4128

Rectangle

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



284F38



005055



5F3C56



683B3A

Sweetspot

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



284F38



57665D



3F4F28



2A332E



B3B3B3



333333

Same Dimension

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



284F38



2A6643



284F4B



222624



00662A



00E65E

Inverse Universe

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



4F283F



662A4D



4F282C



262225



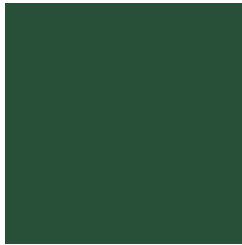
66003C



E60087

Previews

White Background



This preview shows how the Hex color 284F38 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

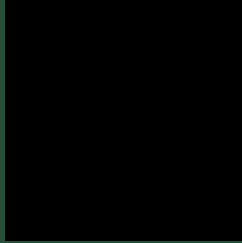
Any Text WCAG AA × Fail

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 284F38 Background



This preview shows how black text looks on a background with the Hex color 284F38.



This preview shows how white text looks on a background with the Hex color 284F38.

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
284F38

Protanopia
4C4734

Deuteranopia
52443A

Trichromacy



Original Color
284F38

Protanomaly
3F4A35

Deuteranomaly
434839

Tritanomaly
2C4D49

Monochromacy



Original Color
284F38

Achromatopsia
414141

Achromatomaly
38463E

CSS Examples

Text

The CSS property to change the color of the text to Hex 284F38 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 #284F38 looks like.

```
.text, #text, p{  
    color:#284F38  
}
```

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 #284F38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284F38  
}
```

Border

The CSS property to change the border of an element to Hex 284F38 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".

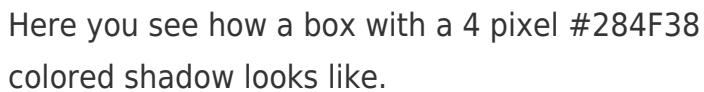
```
.border, #border, table{ border:4px solid  
#284F38 }
```

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

```
.border{ border-color:#284F38 }
```

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

Here you see how a box with a 4 pixel #284F38 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284F38; -webkit-box-shadow:4px 4px  
4px 4px #284F38; box-shadow:4px 4px 4px  
4px #284F38 }
```

Background

The CSS property to change the background color of an element to Hex 284F38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284F38 }
```

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

```
.background{ background-color:#284F38 }
```

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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