

Converting Colors

Hex(284B16)

Have a look what the booklet for
Hex(284B16) contains.

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Color

Hex(284B16)

Conversions

Conversions Part 1

Format	Color
Hex	284B16
RGB	40, 75, 22
RGB Percent	16%, 29%, 9%
CMY	0.8431, 0.7059, 0.9137
CMYK	0.47, 0.00, 0.71, 0.71
HSL	100°, 55%, 19%
HSV	100°, 71%, 29%
XYZ	3.5360, 5.5412, 1.6422
YIQ	58.4930, -3.8470, -23.9030

Conversions

Conversions Part 2

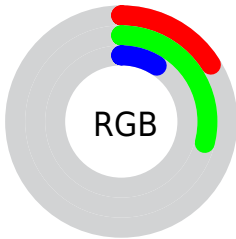
Format	Color
R_{YB}	22, 75, 57
Decimal	2640662
CIE _{Lab}	28.22, -23.71, 26.83
CIE _{LCh}	28, 35.806, 131.460
Yxy	5.5412, 0.3299, 0.5169
Android (android.graphics.Color)	4280830742 (0xFF284B16)
YUV	58.4930, -17.9910, -16.2184
Hunter-Lab	23.5397, -14.3816, 12.3415

Details

The Hex color **284B16** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **39164B**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **587C44**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **234B0E**, and if you desaturate by 10%, it is **2D4B1D**.

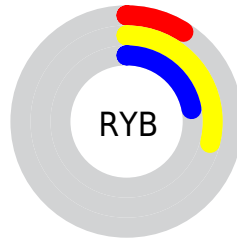
Distribution



Red (16%)

Green (29%)

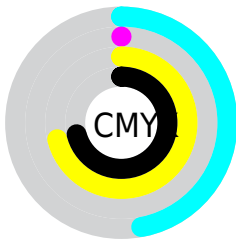
Blue (9%)



Red (9%)

Yellow (29%)

Blue (22%)

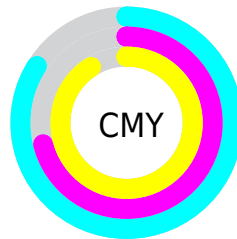


Cyan (47%)

Magenta (0%)

Yellow (71%)

Black (71%)



Cyan (84%)

Magenta (71%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284B16 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 284B16 by changing the saturation by 10% instead.



284B16



284B16

FFFFFFE



113400



587C44



002000



72965C



000000



8CB175



A7CD8F



C2E9A9



DFFFC5



FBFFE1



284B16



284B16

■ 234B0E

■ 2D4B1D

■ 1E4B07

■ 324B25

■ 194B00

■ 374B2D

■ 3C4B34

■ 414B3B

■ 464B43

■ 4B4B4B

■ 504B52

■ 554B5A

Harmonies

Analogous

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



474504



284B16



004E30

Triad

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



284B16



004A77



742839

Complementary

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



284B16



39164B

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.



6B2B55



284B16



1C4279

Square

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



284B16



004F66



51376C



6F301F

Rectangle

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



284B16



004F43



51376C



732842

Sweetspot

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



284B16



53614D



4B3816



283024



B0B0B0



303030

Same Dimension

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



284B16



2B610F



164B1E



242622



236600



4EE600

Inverse Universe

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



39164B



450F61



4B1643



252226



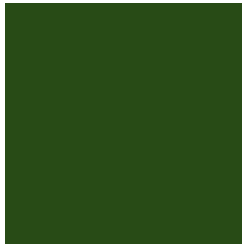
430066



9800E6

Previews

White Background



This preview shows how the Hex color 284B16 looks on a white background.

Color Contrast Check

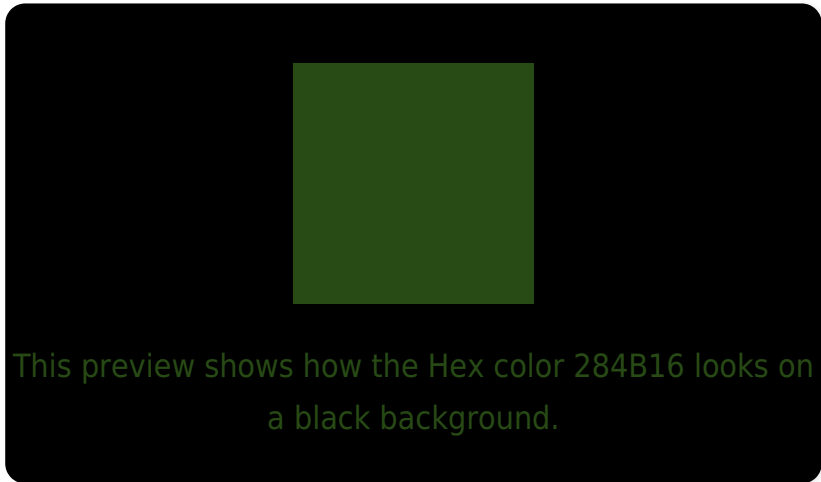
Large Text (above 18pt) WCAG AA ✓ Pass

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

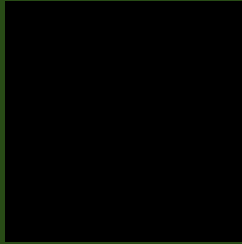
Any Text WCAG AA × Fail

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 284B16 Background



This preview shows how black text looks on a background with the Hex color 284B16.



This preview shows how white text looks on a background with the Hex color 284B16.

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](#).

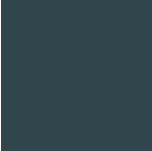
Dichromacy



Original Color
284B16

Protanopia
4B4314

Deuteranopia
533F1A



Tritanopia
31464C

Trichromacy



Original Color
284B16

Protanomaly
3E4615

Deuteranomaly
434319

Tritanomaly
2E4838

Monochromacy



Original Color
284B16

Achromatopsia
3A3A3A

Achromatomaly
33402D

CSS Examples

Text

The CSS property to change the color of the text to Hex 284B16 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 #284B16 looks like.

```
.text, #text, p{  
    color:#284B16  
}
```

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 #284B16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284B16  
}
```

Border

The CSS property to change the border of an element to Hex 284B16 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  
#284B16 }
```

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

```
.border{ border-color:#284B16 }
```

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

Here you see how a box with a 4 pixel #284B16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284B16; -webkit-box-shadow:4px 4px  
4px 4px #284B16; box-shadow:4px 4px 4px  
4px #284B16 }
```

Background

The CSS property to change the background color of an element to Hex 284B16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284B16 }
```

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

```
.background{ background-color:#284B16 }
```

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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