

Converting Colors

Hex(284D0E)

Have a look what the booklet for
Hex(284D0E) contains.

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Color

Hex(284D0E)

Conversions

Conversions Part 1

Format	Color
Hex	284D0E
RGB	40, 77, 14
RGB Percent	16%, 30%, 5%
CMY	0.8431, 0.6980, 0.9451
CMYK	0.48, 0.00, 0.82, 0.70
HSL	95°, 69%, 18%
HSV	95°, 82%, 30%
XYZ	3.6082, 5.7906, 1.3430
YIQ	58.7550, -1.8290, -27.4370

Conversions

Conversions Part 2

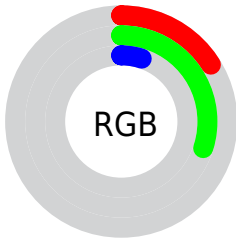
Format	Color
RYB	14, 77, 51
Decimal	2641166
CIELab	28.88, -25.40, 31.17
CIELCh	29, 40.203, 129.175
Yxy	5.7906, 0.3359, 0.5391
Android (android.graphics.Color)	4280831246 (0xFF284D0E)
YUV	58.7550, -22.0642, -16.4481
Hunter-Lab	24.0636, -15.3462, 13.5356

Details

The Hex color **284D0E** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **330E4D**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **597E3D**, and **002100** is the 20% darker color. If you saturate the color by 10%, you get **234D06**, and if you desaturate by 10%, it is **2D4D16**.

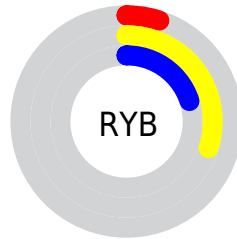
Distribution



Red (16%)

Green (30%)

Blue (5%)



Red (5%)

Yellow (30%)

Blue (20%)

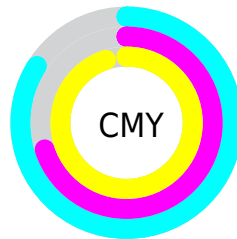


Cyan (48%)

Magenta (0%)

Yellow (82%)

Black (70%)



Cyan (84%)

Magenta (70%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284D0E 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 284D0E by changing the saturation by 10% instead.

 284D0E

 284D0E

 FFFFF7

 113600

 597E3D

 002100

 739855

 000000

 8DB36E

 A8CF88

 C4EBA3

 E0FFBE

 FDFFDA

 284D0E

 284D0E

■ 234D06

■ 2D4D16

■ 204D00

■ 314D1D

■ 364D25

■ 3A4D2D

■ 3F4D35

■ 434D3C

■ 484D44

■ 4C4D4C

■ 514D53

Harmonies

Analogous

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



4A4600



284D0E



00512D

Triad

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



284D0E



004D7E



7B243C

Complementary

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



284D0E



330E4D

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.



70295B



284D0E



004582

Square

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



284D0E



00516B



513775



762D1E

Rectangle

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



284D0E



005242



513775



7A2446

Sweetspot

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



284D0E



55634B



4D330E



2A3324



B3B3B3



333333

Same Dimension

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



284D0E



2A6302



0E4D13



242622



2A6600



5FE600

Inverse Universe

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



330E4D



3B0263



4D0E48



252226



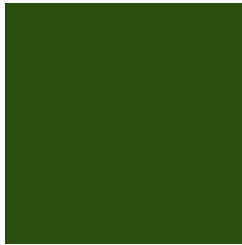
3C0066



8700E6

Previews

White Background



This preview shows how the Hex color 284D0E looks on a white background.

Color Contrast Check

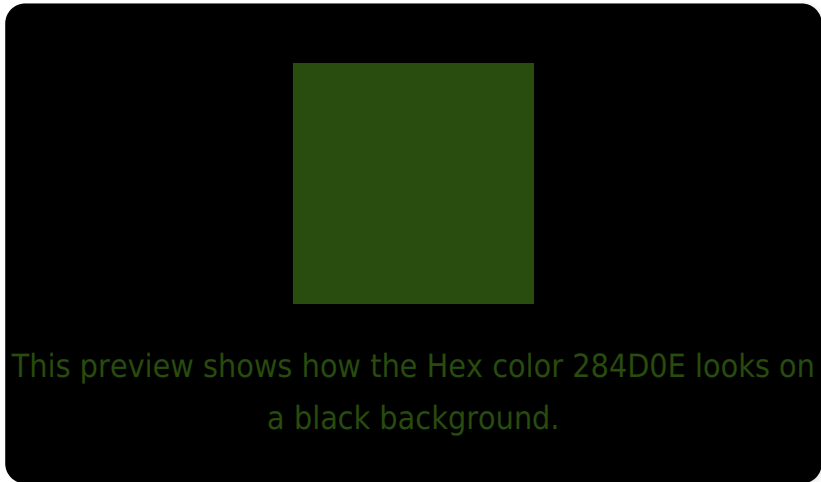
Large Text (above 18pt) WCAG AA ✓ Pass

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

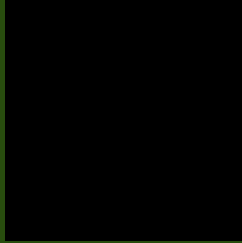
Any Text WCAG AA × Fail

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 284D0E Background



This preview shows how black text looks on a background with the Hex color 284D0E.



This preview shows how white text looks on a background with the Hex color 284D0E.

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](#).

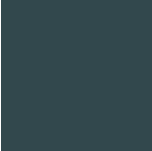
Dichromacy



Original Color
284D0E

Protanopia
4D440C

Deuteranopia
554115



Tritanopia
32484D

Trichromacy



Original Color
284D0E

Protanomaly
40470D

Deuteranomaly
454512

Tritanomaly
2E4A36

Monochromacy



Original Color
284D0E

Achromatopsia
3B3B3B

Achromatomaly
34422B

CSS Examples

Text

The CSS property to change the color of the text to Hex 284D0E 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 #284D0E looks like.

```
.text, #text, p{  
    color:#284D0E  
}
```

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 #284D0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284D0E
}
```

Border

The CSS property to change the border of an element to Hex 284D0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

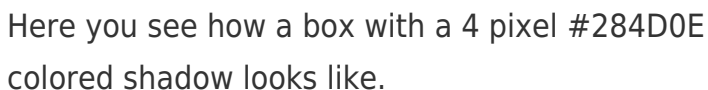
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#284D0E }
```

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

```
.border{ border-color:#284D0E }
```

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



Here you see how a box with a 4 pixel #284D0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284D0E; -webkit-box-shadow:4px 4px  
4px 4px #284D0E; box-shadow:4px 4px 4px  
4px #284D0E }
```

Background

The CSS property to change the background color of an element to Hex 284D0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284D0E }
```

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

```
.background{ background-color:#284D0E }
```

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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