

Converting Colors

Hex(283004)

Have a look what the booklet for
Hex(283004) contains.

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Color

Hex(283004)

Conversions

Conversions Part 1

Format	Color
Hex	283004
RGB	40, 48, 4
RGB Percent	16%, 19%, 2%
CMY	0.8431, 0.8118, 0.9843
CMYK	0.17, 0.00, 0.92, 0.81
HSL	71°, 85%, 10%
HSV	71°, 92%, 19%
XYZ	1.9539, 2.5738, 0.5087
YIQ	40.5920, 9.3560, -15.3800

Conversions

Conversions Part 2

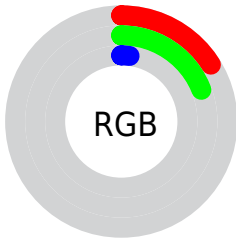
Format	Color
RYB	4, 48, 12
Decimal	2633732
CIELab	18.25, -10.65, 24.19
CIELCh	18, 26.431, 113.773
Yxy	2.5738, 0.3880, 0.5110
Android (android.graphics.Color)	4280823812 (0xFF283004)
YUV	40.5920, -18.0399, -0.5192
Hunter-Lab	16.0430, -6.3351, 9.3502

Details

The Hex color **283004** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **0C0430**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **565E32**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **273000**, and if you desaturate by 10%, it is **293009**.

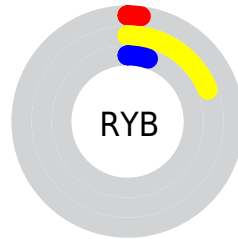
Distribution



Red (16%)

Green (19%)

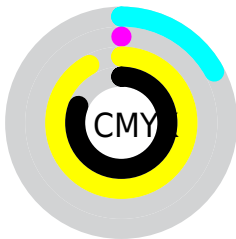
Blue (2%)



Red (2%)

Yellow (19%)

Blue (5%)

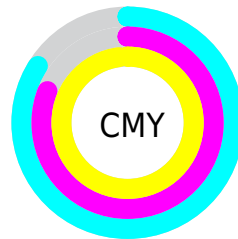


Cyan (17%)

Magenta (0%)

Yellow (92%)

Black (81%)



Cyan (84%)

Magenta (81%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283004 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 283004 by changing the saturation by 10% instead.

 283004

 283004

 FFFFE7

 111B00

 565E32

 000000

 6F7749

 899061

 A4AB7A

 BFC694

 DBE2AF

 F8FFCB

 283004

 283004

■ 273000

■ 293009

■ 2A300E

■ 2B3012

■ 2B3017

■ 2C301C

■ 2D3021

■ 2E3026

■ 2F302A

■ 30302F

Harmonies

Analogous

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



3A2A00



283004



0E3415

Triad

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



283004



00344B



4D1B31

Complementary

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



283004



0C0430

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.



402143



283004



003052

Square

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



283004



00363B



262950



4F1C1E

Rectangle

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



283004



003521



262950



4A1C38

Sweetspot

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



283004



3A3D2C



300B04



1D1F14



9E9E9E



1F1F1F

Same Dimension

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



283004



323D00



133004



171715



475700



AFD600

Inverse Universe

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



0C0430



0B003D



210430



151517



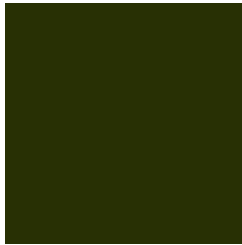
100057



2700D6

Previews

White Background



This preview shows how the Hex color 283004 looks on a white background.

Color Contrast Check

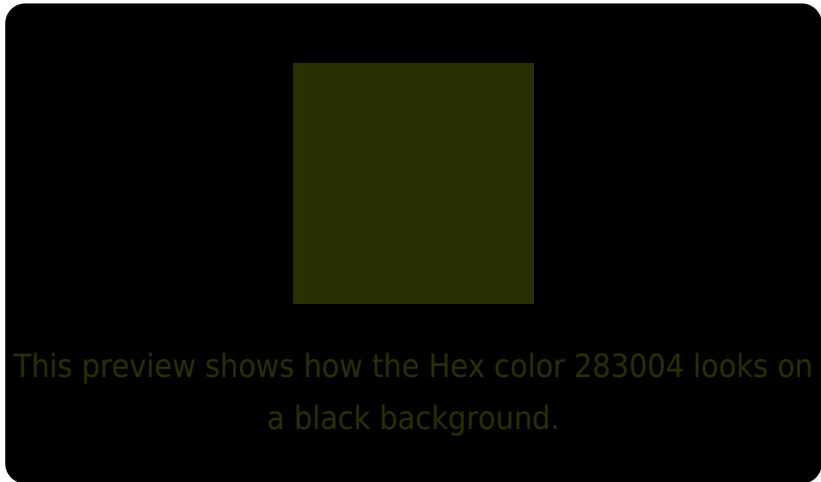
Large Text (above 18pt) WCAG AA ✓ Pass

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

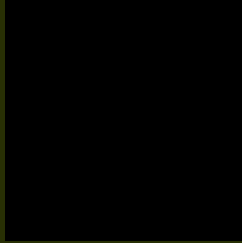
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

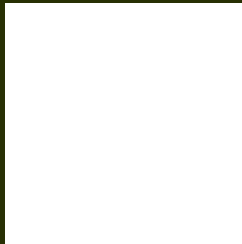
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 283004 Background



This preview shows how black text looks on a background with the Hex color 283004.

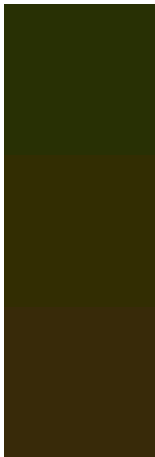


This preview shows how white text looks on a background with the Hex color 283004.

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
283004

Protanopia
322D02

Deuteranopia
382A09

Trichromacy



Original Color
283004

Protanomaly
2E2E03

Deuteranomaly
322C07

Tritanomaly
2B2E20

Monochromacy



Original Color
283004

Achromatopsia
292929

Achromatomaly
292C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 283004 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 #283004 looks like.

```
.text, #text, p{  
    color:#283004  
}
```

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 #283004 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283004
}
```

Border

The CSS property to change the border of an element to Hex 283004 is called "border". The border property can be set on classes, ids or directly on the HTML element.

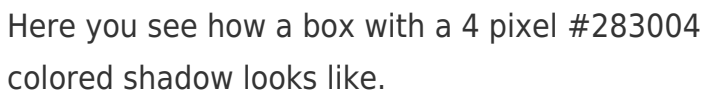
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283004 }
```

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

```
.border{ border-color:#283004 }
```

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



Here you see how a box with a 4 pixel #283004 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283004; -webkit-box-shadow:4px 4px  
4px 4px #283004; box-shadow:4px 4px 4px  
4px #283004 }
```

Background

The CSS property to change the background color of an element to Hex 283004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283004 }
```

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

```
.background{ background-color:#283004 }
```

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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