

Converting Colors

Hex(283A06)

Have a look what the booklet for
Hex(283A06) contains.

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Color

Hex(283A06)

Conversions

Conversions Part 1

Format	Color
Hex	283A06
RGB	40, 58, 6
RGB Percent	16%, 23%, 2%
CMY	0.8431, 0.7725, 0.9765
CMYK	0.31, 0.00, 0.90, 0.77
HSL	81°, 81%, 13%
HSV	81°, 90%, 23%
XYZ	2.4210, 3.4904, 0.7184
YIQ	46.6900, 5.9640, -19.9880

Conversions

Conversions Part 2

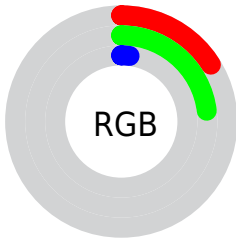
Format	Color
RYB	6, 58, 24
Decimal	2636294
CIELab	21.91, -16.29, 27.50
CIELCh	22, 31.962, 120.640
Yxy	3.4904, 0.3652, 0.5265
Android (android.graphics.Color)	4280826374 (0xFF283A06)
YUV	46.6900, -20.0602, -5.8671
Hunter-Lab	18.6826, -9.5633, 10.7979

Details

The Hex color **283A06** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **18063A**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **576934**, and **000D00** is the 20% darker color. If you saturate the color by 10%, you get **263A00**, and if you desaturate by 10%, it is **2A3A0C**.

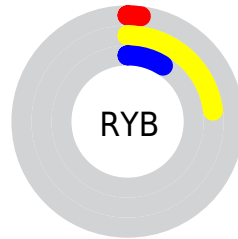
Distribution



Red (16%)

Green (23%)

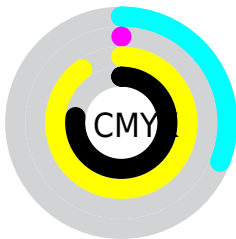
Blue (2%)



Red (2%)

Yellow (23%)

Blue (9%)

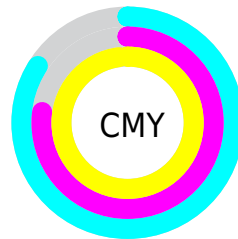


Cyan (31%)

Magenta (0%)

Yellow (90%)

Black (77%)



Cyan (84%)

Magenta (77%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283A06 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 283A06 by changing the saturation by 10% instead.

 283A06

 283A06

 FFFFEA

 132400

 576934

 000D00

 70824C

 000000

 8A9D64

 A5B77D

 C0D397

 DDEFB2

 F9FFCE

 283A06

 283A06

■ 263A00

■ 2A3A0C

■ 2C3A12

■ 2E3A17

■ 303A1D

■ 323A23

■ 343A29

■ 363A2F

■ 383A34

■ 3A3A3A

Harmonies

Analogous

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



403300



283A06



003E1C

Triad

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



283A06



003D5E



5E1D35

Complementary

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



283A06



18063A

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.



51234C



283A06



003764

Square

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



283A06



003F4C



352E5D



5D211E

Rectangle

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



283A06



003F2C



352E5D



5B1E3D

Sweetspot

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



283A06



454D38



3A1706



22261A



A6A6A6



262626

Same Dimension

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



283A06



324D00



0F3A06



1B1C19



3C5C00



8FDB00

Inverse Universe

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



18063A



1A004D



31063A



1A191C



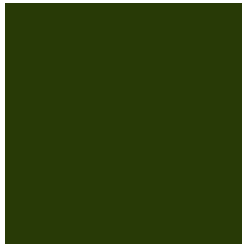
20005C



4C00DB

Previews

White Background



This preview shows how the Hex color 283A06 looks on a white background.

Color Contrast Check

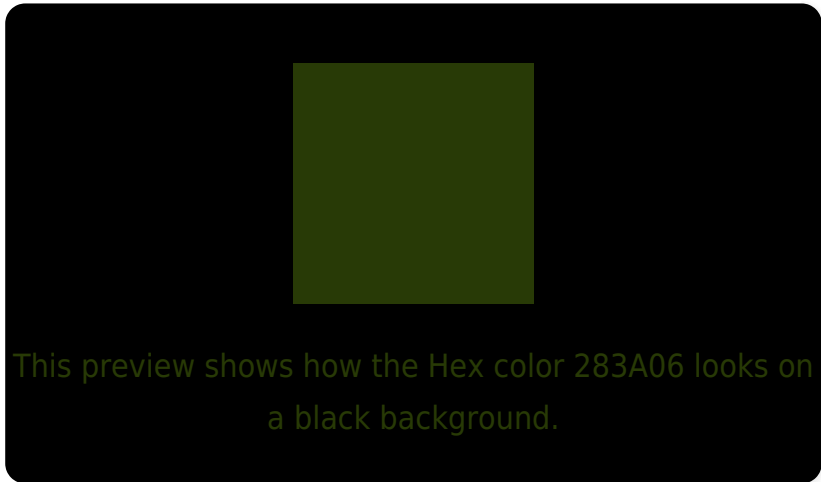
Large Text (above 18pt) WCAG AA ✓ Pass

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

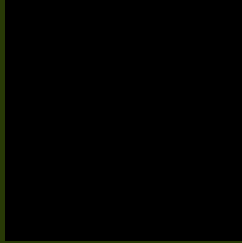
Any Text WCAG AA × Fail

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 283A06 Background



This preview shows how black text looks on a background with the Hex color 283A06.



This preview shows how white text looks on a background with the Hex color 283A06.

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](#).

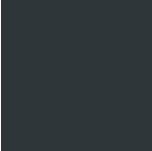
Dichromacy



Original Color
283A06

Protanopia
3B3504

Deuteranopia
42320C



Tritanopia
2E363A

Trichromacy



Original Color
283A06

Protanomaly
343705

Deuteranomaly
39350A

Tritanomaly
2C3727

Monochromacy



Original Color
283A06

Achromatopsia
2F2F2F

Achromatomaly
2C3320

CSS Examples

Text

The CSS property to change the color of the text to Hex 283A06 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 #283A06 looks like.

```
.text, #text, p{  
    color:#283A06  
}
```

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 #283A06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283A06
}
```

Border

The CSS property to change the border of an element to Hex 283A06 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".

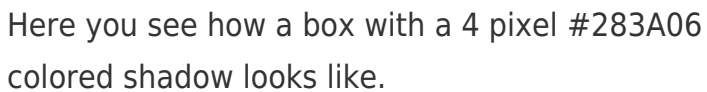
```
.border, #border, table{ border:4px solid
#283A06 }
```

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

```
.border{ border-color:#283A06 }
```

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

Here you see how a box with a 4 pixel #283A06 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283A06; -webkit-box-shadow:4px 4px  
4px 4px #283A06; box-shadow:4px 4px 4px  
4px #283A06 }
```

Background

The CSS property to change the background color of an element to Hex 283A06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283A06 }
```

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

```
.background{ background-color:#283A06 }
```

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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