

Converting Colors

Hex(283E0C)

Have a look what the booklet for
Hex(283E0C) contains.

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Color

Hex(283E0C)

Conversions

Conversions Part 1

Format	Color
Hex	283E0C
RGB	40, 62, 12
RGB Percent	16%, 24%, 5%
CMY	0.8431, 0.7569, 0.9529
CMYK	0.35, 0.00, 0.81, 0.76
HSL	86°, 68%, 15%
HSV	86°, 81%, 24%
XYZ	2.6641, 3.9229, 0.9646
YIQ	49.7220, 2.9380, -20.2140

Conversions

Conversions Part 2

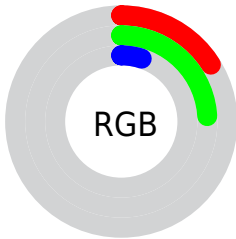
Format	Color
R_{YB}	12, 62, 34
Decimal	2637324
CIE _{Lab}	23.41, -18.01, 26.57
CIE _{LCh}	23, 32.102, 124.128
Yxy	3.9229, 0.3528, 0.5195
Android (android.graphics.Color)	4280827404 (0xFF283E0C)
YUV	49.7220, -18.5969, -8.5262
Hunter-Lab	19.8063, -10.6519, 10.9769

Details

The Hex color **283E0C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **220C3E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **576E39**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **253E06**, and if you desaturate by 10%, it is **2B3E12**.

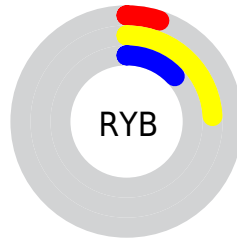
Distribution



Red (16%)

Green (24%)

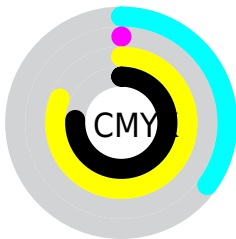
Blue (5%)



Red (5%)

Yellow (24%)

Blue (13%)

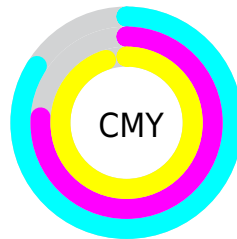


Cyan (35%)

Magenta (0%)

Yellow (81%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283E0C 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 283E0C by changing the saturation by 10% instead.

 283E0C

 283E0C

 FFFFF1

 132800

 576E39

 001400

 718751

 000000

 8AA169

 A5BC83

 C1D89D

 DDF5B8

 F9FFD4

 283E0C

 283E0C

■ 253E06

■ 2B3E12

■ 233E00

■ 2D3E18

■ 303E1F

■ 333E25

■ 363E2B

■ 383E31

■ 3B3E37

■ 3E3E3E

■ 413E44

Harmonies

Analogous

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



413801



283E0C



004222

Triad

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



283E0C



004063



622035

Complementary

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



283E0C



220C3E

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.



57254D



283E0C



003968

Square

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



283E0C



004352



3C3060



60251E

Rectangle

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



283E0C



004332



3C3060



60213E

Sweetspot

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



283E0C



49523E



3E220C



24291D



A8A8A8



292929

Same Dimension

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



283E0C



2F5202



0F3E0C



1D1F1C



355E00



7CDE00

Inverse Universe

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



220C3E



250252



3B0C3E



1D1C1F



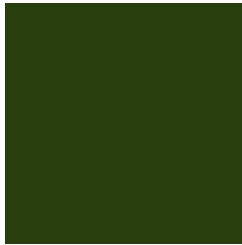
2A005E



6200DE

Previews

White Background



This preview shows how the Hex color 283E0C looks on a white background.

Color Contrast Check

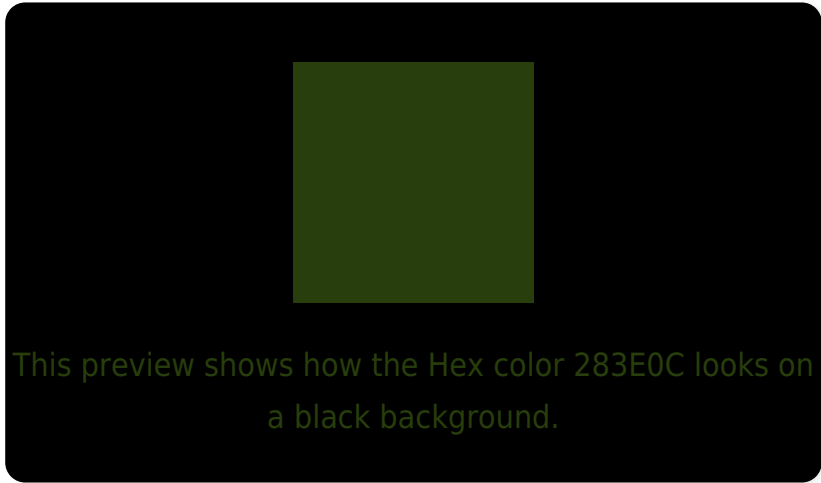
Large Text (above 18pt) WCAG AA ✓ Pass

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

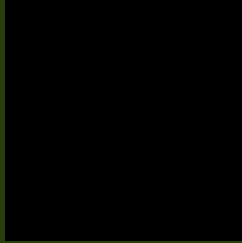
Any Text WCAG AA × Fail

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 283E0C Background



This preview shows how black text looks on a background with the Hex color 283E0C.



This preview shows how white text looks on a background with the Hex color 283E0C.

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
283E0C

Protanopia
3F380A

Deuteranopia
463511

Trichromacy



Original Color
283E0C

Protanomaly
373A0B

Deuteranomaly
3B380F

Tritanomaly
2C3B2C

Monochromacy



Original Color
283E0C

Achromatopsia
323232

Achromatomaly
2E3624

CSS Examples

Text

The CSS property to change the color of the text to Hex 283E0C 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 #283E0C looks like.

```
.text, #text, p{  
    color:#283E0C  
}
```

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 #283E0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283E0C
}
```

Border

The CSS property to change the border of an element to Hex 283E0C is called "border". The border property can be set on classes, ids or directly on the HTML element.

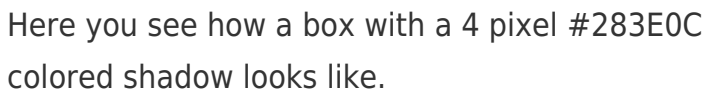
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283E0C }
```

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

```
.border{ border-color:#283E0C }
```

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



Here you see how a box with a 4 pixel #283E0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283E0C; -webkit-box-shadow:4px 4px  
4px 4px #283E0C; box-shadow:4px 4px 4px  
4px #283E0C }
```

Background

The CSS property to change the background color of an element to Hex 283E0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283E0C }
```

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

```
.background{ background-color:#283E0C }
```

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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