

Converting Colors

Hex(283C12)

Have a look what the booklet for
Hex(283C12) contains.

Hex(283C12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(283C12)

Conversions

Conversions Part 1

Format	Color
Hex	283C12
RGB	40, 60, 18
RGB Percent	16%, 24%, 7%
CMY	0.8431, 0.7647, 0.9294
CMYK	0.33, 0.00, 0.70, 0.76
HSL	89°, 54%, 15%
HSV	89°, 70%, 24%
XYZ	2.6001, 3.7265, 1.1545
YIQ	49.2320, 1.5620, -17.3020

Conversions

Conversions Part 2

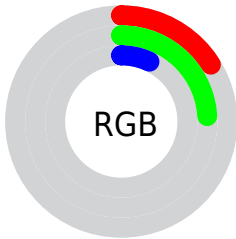
Format	Color
R_{YB}	18, 60, 38
Decimal	2636818
CIE _{Lab}	22.75, -16.35, 22.86
CIE _{LCh}	23, 28.110, 125.570
Yxy	3.7265, 0.3476, 0.4981
Android (android.graphics.Color)	4280826898 (0xFF283C12)
YUV	49.2320, -15.3974, -8.0965
Hunter-Lab	19.3042, -9.7398, 9.9670

Details

The Hex color **283C12** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **26123C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **576B3E**, and **001100** is the 20% darker color. If you saturate the color by 10%, you get **253C0C**, and if you desaturate by 10%, it is **2B3C18**.

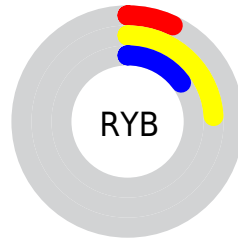
Distribution



Red (16%)

Green (24%)

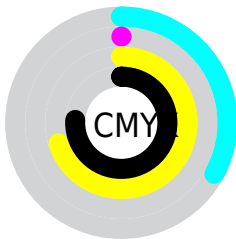
Blue (7%)



Red (7%)

Yellow (24%)

Blue (15%)

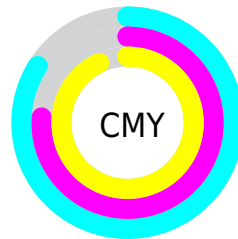


Cyan (33%)

Magenta (0%)

Yellow (70%)

Black (76%)



Cyan (84%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283C12 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 283C12 by changing the saturation by 10% instead.

 283C12

 283C12

 FFFFF6

 152600

 576B3E

 001100

 708556

 000000

 8A9F6F

 A4BA88

 BFD6A3

 DBF2BE

 F8FFDA

 283C12

 283C12

■ 253C0C

■ 2B3C18

■ 223C06

■ 2E3C1E

■ 1F3C00

■ 313C24

■ 333C2A

■ 363C30

■ 393C36

■ 3C3C3C

■ 3F3C42

■ 423C48

Harmonies

Analogous

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



3E3709



283C12



033F24

Triad

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



283C12



003D5C



5C2333

Complementary

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



283C12



26123C

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.



532748



283C12



113760

Square

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



283C12



00404E



3C2F58



5A271F

Rectangle

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



283C12



004032



3C2F58



5A233A

Sweetspot

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



283C12



474F3E



3C2612



24291F



A8A8A8



292929

Same Dimension

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



283C12



2F4F0D



133C12



1D1F1C



315E00



74DE00

Inverse Universe

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



26123C



2C0D4F



3B123C



1D1C1F



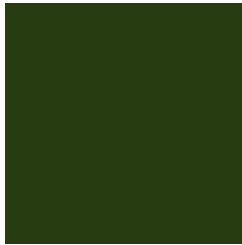
2D005E



6A00DE

Previews

White Background



This preview shows how the Hex color 283C12 looks on a white background.

Color Contrast Check

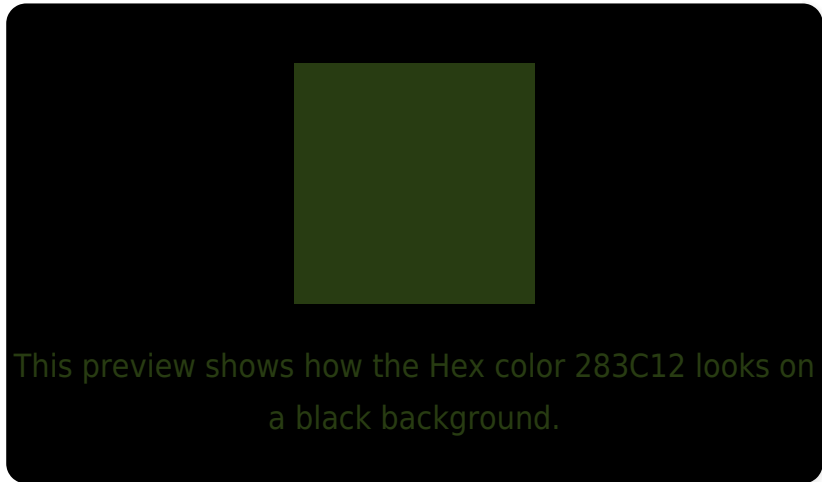
Large Text (above 18pt) WCAG AA ✓ Pass

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

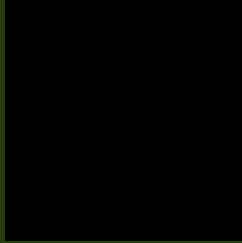
Any Text WCAG AA × Fail

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 283C12 Background



This preview shows how black text looks on a background with the Hex color 283C12.



This preview shows how white text looks on a background with the Hex color 283C12.

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](#).

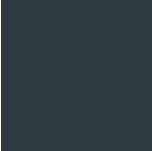
Dichromacy



Original Color
283C12

Protanopia
3D3611

Deuteranopia
443415



Tritanopia
2E383D

Trichromacy



Original Color
283C12

Protanomaly
353811

Deuteranomaly
3A3714

Tritanomaly
2C392D

Monochromacy



Original Color
283C12

Achromatopsia
313131

Achromatomaly
2E3526

CSS Examples

Text

The CSS property to change the color of the text to Hex 283C12 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 #283C12 looks like.

```
.text, #text, p{  
    color:#283C12  
}
```

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 #283C12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283C12
}
```

Border

The CSS property to change the border of an element to Hex 283C12 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".

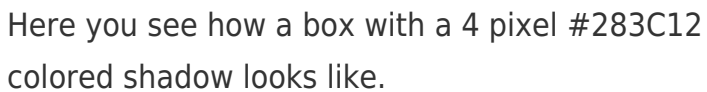
```
.border, #border, table{ border:4px solid
#283C12 }
```

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

```
.border{ border-color:#283C12 }
```

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

Here you see how a box with a 4 pixel #283C12 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283C12; -webkit-box-shadow:4px 4px  
4px 4px #283C12; box-shadow:4px 4px 4px  
4px #283C12 }
```

Background

The CSS property to change the background color of an element to Hex 283C12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283C12 }
```

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

```
.background{ background-color:#283C12 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor