

# Converting Colors

Hex(283F0A)

Have a look what the booklet for  
Hex(283F0A) contains.

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**Color**

**Hex(283F0A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	283F0A
RGB	40, 63, 10
RGB Percent	16%, 25%, 4%
CMY	0.8431, 0.7529, 0.9608
CMYK	0.37, 0.00, 0.84, 0.75
HSL	86°, 73%, 14%
HSV	86°, 84%, 25%
XYZ	2.7074, 4.0280, 0.9220
YIQ	50.0810, 3.3050, -21.3590

# Conversions

## Conversions Part 2

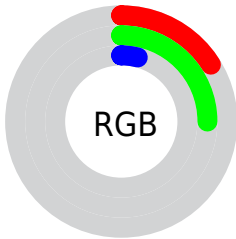
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 63, 33
Decimal	2637578
CIE <sub>Lab</sub>	23.76, -18.70, 27.79
CIE <sub>LCh</sub>	24, 33.490, 123.936
Yxy	4.0280, 0.3536, 0.5260
Android (android.graphics.Color)	4280827658 (0xFF283F0A)
YUV	50.0810, -19.7599, -8.8410
Hunter-Lab	20.0700, -11.0435, 11.3254

# Details

The Hex color **283F0A** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **210A3F**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **586F38**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **253F04**, and if you desaturate by 10%, it is **2B3F10**.

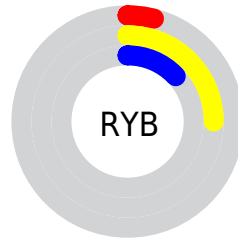
# Distribution



Red (16%)

Green (25%)

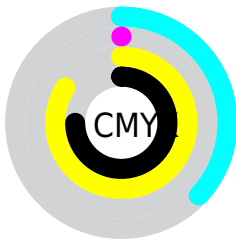
Blue (4%)



Red (4%)

Yellow (25%)

Blue (13%)

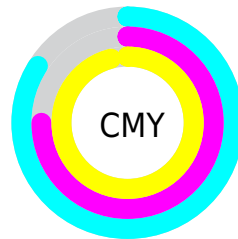


Cyan (37%)

Magenta (0%)

Yellow (84%)

Black (75%)



Cyan (84%)

Magenta (75%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 283F0A 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 283F0A by changing the saturation by 10% instead.



 283F0A

 283F0A

 FFFFEF

 132900

 586F38

 001600

 71884F

 000000

 8BA368

 A6BE81

 C1DA9C

 DDF6B7

 FAFFD3

 283F0A

 283F0A

■ 253F04

■ 2B3F10

■ 243F00

■ 2D3F17

■ 303F1D

■ 333F23

■ 363F2A

■ 383F30

■ 3B3F36

■ 3E3F3C

■ 413F43

# Harmonies

## Analogous

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



423800



283F0A



004321

# Triad

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



283F0A



004165



651F36

# Complementary

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



283F0A



210A3F

# 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.



59254F



283F0A



003A6B

# Square

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



283F0A



004454



3D3062



63241E

# Rectangle

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



283F0A



004432



3D3062



63203F



# Sweetspot

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



283F0A



49523D



3F210A



23291D



A8A8A8



292929



# Same Dimension

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



283F0A



2E5200



0E3F0A



1D1F1C



355E00



7EDE00



# Inverse Universe

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



210A3F



230052



3B0A3F



1D1C1F



29005E

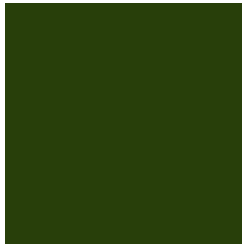


6000DE



# Previews

## White Background



This preview shows how the Hex color 283F0A looks on a white background.

## Color Contrast Check

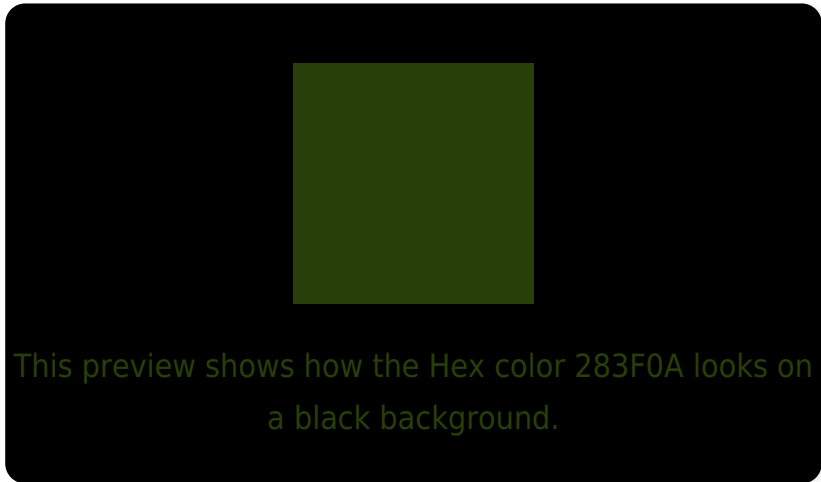
Large Text (above 18pt) WCAG AA ✓ Pass

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

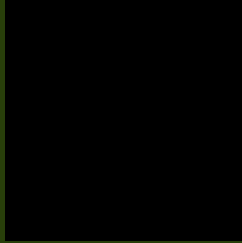
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 283F0A Background



This preview shows how black text looks on a background with the Hex color 283F0A.



This preview shows how white text looks on a background with the Hex color 283F0A.

# 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**  
283F0A

**Protanopia**  
403908

**Deuteranopia**  
47360F



# Trichromacy



**Original Color**  
283F0A

**Protanomaly**  
373B09

**Deuteranomaly**  
3C390D

**Tritanomaly**  
2C3C2C

# Monochromacy



**Original Color**  
283F0A

**Achromatopsia**  
323232

**Achromatomaly**  
2E3723

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 283F0A 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 #283F0A looks like.

```
.text, #text, p{  
    color:#283F0A  
}
```

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 #283F0A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283F0A
}
```

## Border

The CSS property to change the border of an element to Hex 283F0A is called "border". The border property can be set on classes, ids or directly on the HTML element.

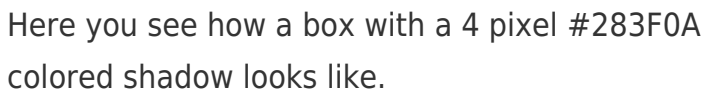
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#283F0A }
```

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

```
.border{ border-color:#283F0A }
```

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



Here you see how a box with a 4 pixel #283F0A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283F0A; -webkit-box-shadow:4px 4px  
4px 4px #283F0A; box-shadow:4px 4px 4px  
4px #283F0A }
```

# Background

The CSS property to change the background color of an element to Hex 283F0A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283F0A }
```

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

```
.background{ background-color:#283F0A }
```

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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