

Converting Colors

Hex(283F29)

Have a look what the booklet for
Hex(283F29) contains.

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Color

Hex(283F29)

Conversions

Conversions Part 1

Format	Color
Hex	283F29
RGB	40, 63, 41
RGB Percent	16%, 25%, 16%
CMY	0.8431, 0.7529, 0.8392
CMYK	0.37, 0.00, 0.35, 0.75
HSL	123°, 22%, 20%
HSV	123°, 37%, 25%
XYZ	3.0528, 4.1662, 2.7411
YIQ	53.6150, -6.6460, -11.7180

Conversions

Conversions Part 2

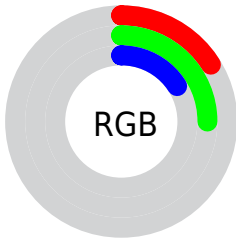
Format	Color
RYB	40, 62, 63
Decimal	2637609
CIELab	24.21, -14.40, 10.72
CIELCh	24, 17.949, 143.336
Yxy	4.1662, 0.3065, 0.4183
Android (android.graphics.Color)	4280827689 (0xFF283F29)
YUV	53.6150, -6.2192, -11.9404
Hunter-Lab	20.4113, -9.0225, 6.3257

Details

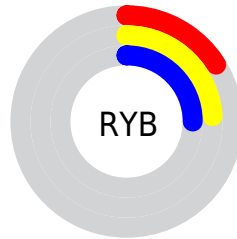
The Hex color **283F29** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3F283E**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **566F56**, and **001600** is the 20% darker color. If you saturate the color by 10%, you get **223F23**, and if you desaturate by 10%, it is **2E3F2F**.

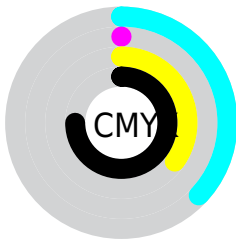
Distribution



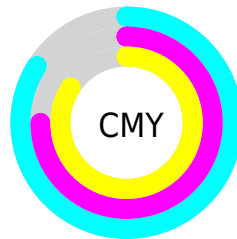
- Red (16%)
- Green (25%)
- Blue (16%)



- Red (16%)
- Yellow (24%)
- Blue (25%)



- Cyan (37%)
- Magenta (0%)
- Yellow (35%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283F29 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 283F29 by changing the saturation by 10% instead.



283F29



283F29

FFFFFF



132914



566F56



001600



6F886F



000000



88A388



A3BEA2



BED9BD



DAF6D9



F6FFF6



283F29



283F29

■ 223F23

■ 2E3F2F

■ 1B3F1D

■ 353F35

■ 153F17

■ 3B3F3B

■ 0F3F11

■ 413F41

■ 083F0B

■ 483F47

■ 023F05

■ 4E3F4D

■ 003F03

■ 543F53

■ 5A3F59

■ 613F5F

Harmonies

Analogous

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



383C20



283F29



164136

Triad

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



283F29



203C54



543030

Complementary

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



283F29



3F283E

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.



522F3D



283F29



373752

Square

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



283F29



073F4F



48324A



4F3324

Rectangle

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



283F29



08413F



48324A



542F34

Sweetspot

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



283F29



495249



3E3F28



232924



A8A8A8



292929

Same Dimension

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



283F29



2E522F



283F34



1C1F1C



005E04



00DE0A

Inverse Universe

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



3F283E



522E50



3F2833



1F1C1E



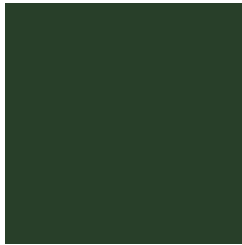
5E005A



DE00D4

Previews

White Background



This preview shows how the Hex color 283F29 looks on a white background.

Color Contrast Check

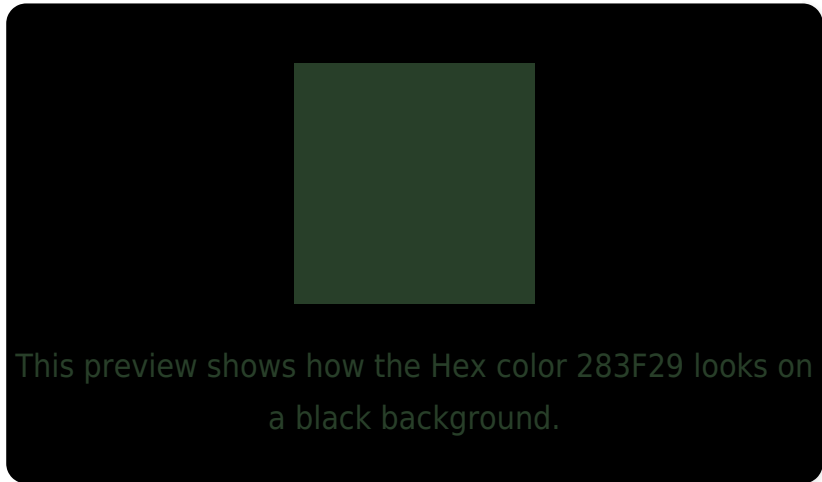
Large Text (above 18pt) WCAG AA ✓ Pass

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

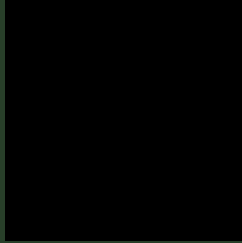
Any Text WCAG AA × Fail

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 283F29 Background



This preview shows how black text looks on a background with the Hex color 283F29.



This preview shows how white text looks on a background with the Hex color 283F29.

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
283F29

Protanopia
3E3927

Deuteranopia
44372B



Tritanopia
2D3C41

Trichromacy



Original Color
283F29

Protanomaly
363B28

Deuteranomaly
3A3A2A

Tritanomaly
2B3D38

Monochromacy



Original Color
283F29

Achromatopsia
363636

Achromatomaly
313931

CSS Examples

Text

The CSS property to change the color of the text to Hex 283F29 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 #283F29 looks like.

```
.text, #text, p{  
    color:#283F29  
}
```

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 #283F29 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283F29
}
```

Border

The CSS property to change the border of an element to Hex 283F29 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
#283F29 }
```

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

```
.border{ border-color:#283F29 }
```

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

Here you see how a box with a 4 pixel #283F29 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283F29; -webkit-box-shadow:4px 4px  
4px 4px #283F29; box-shadow:4px 4px 4px  
4px #283F29 }
```

Background

The CSS property to change the background color of an element to Hex 283F29 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283F29 }
```

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

```
.background{ background-color:#283F29 }
```

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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