

Converting Colors

Hex(283A26)

Have a look what the booklet for
Hex(283A26) contains.

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Color

Hex(283A26)

Conversions

Conversions Part 1

Format	Color
Hex	283A26
RGB	40, 58, 38
RGB Percent	16%, 23%, 15%
CMY	0.8431, 0.7725, 0.8510
CMYK	0.31, 0.00, 0.34, 0.77
HSL	114°, 21%, 19%
HSV	114°, 34%, 23%
XYZ	2.7380, 3.6172, 2.3876
YIQ	50.3380, -4.3080, -10.0360

Conversions

Conversions Part 2

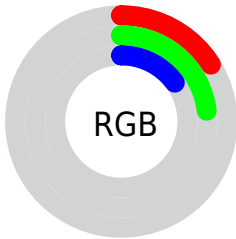
Format	Color
RYB	38, 58, 56
Decimal	2636326
CIELab	22.36, -12.08, 10.16
CIElCh	22, 15.791, 139.935
Yxy	3.6172, 0.3132, 0.4137
Android (android.graphics.Color)	4280826406 (0xFF283A26)
YUV	50.3380, -6.0826, -9.0664
Hunter-Lab	19.0189, -7.5859, 5.8700

Details

The Hex color **283A26** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **38263A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **566953**, and **000F00** is the 20% darker color. If you saturate the color by 10%, you get **233A20**, and if you desaturate by 10%, it is **2D3A2C**.

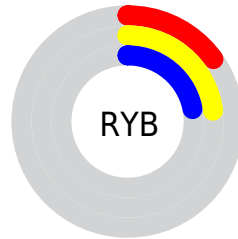
Distribution



Red (16%)

Green (23%)

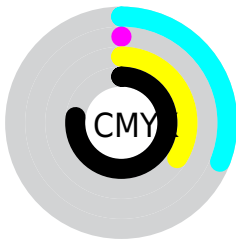
Blue (15%)



Red (15%)

Yellow (23%)

Blue (22%)

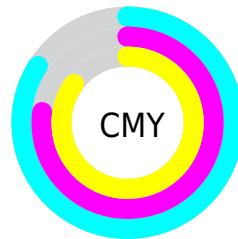


Cyan (31%)

Magenta (0%)

Yellow (34%)

Black (77%)



Cyan (84%)

Magenta (77%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283A26 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 283A26 by changing the saturation by 10% instead.

■ 283A26

■ 283A26

FFFFFF

■ 132412

■ 566953

■ 000F00

■ 6E826B

■ 000000

■ 889C84

■ A2B79F

■ BDD3BA

■ D9EFD5

■ F5FFF2

■ 283A26

■ 283A26

■ 233A20

■ 2D3A2C

■ 1E3A1A

■ 323A32

■ 183A15

■ 383A37

■ 133A0F

■ 3D3A3D

■ 0E3A09

■ 423A43

■ 093A03

■ 473A49

■ 063A00

■ 4D3A4F

■ 523A54

■ 573A5A

Harmonies

Analogous

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



35371F



283A26



193C31

Triad

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



283A26



1E384C



4D2D2E

Complementary

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



283A26



38263A

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.



4A2D3A



283A26



31344B

Square

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



283A26



0D3A47



403045



492F24

Rectangle

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



283A26



103C39



403045



4C2C32

Sweetspot

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



283A26



464D45



3A3826



222622



A6A6A6



262626

Same Dimension

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



283A26



304D2D



263A2E



1A1C19



095C00



16DB00

Inverse Universe

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



38263A



492D4D



3A2632



1C191C



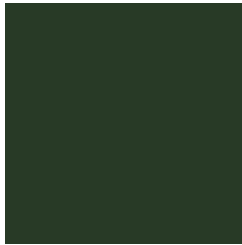
53005C



C500DB

Previews

White Background



This preview shows how the Hex color 283A26 looks on a white background.

Color Contrast Check

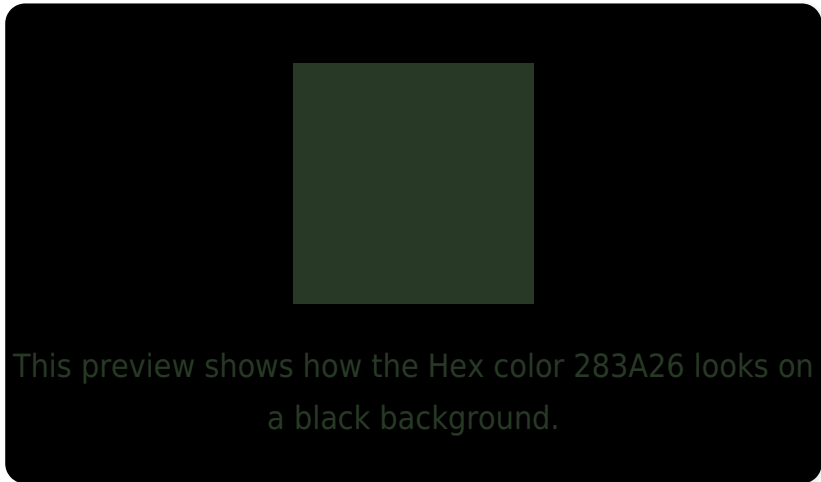
Large Text (above 18pt) WCAG AA ✓ Pass

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

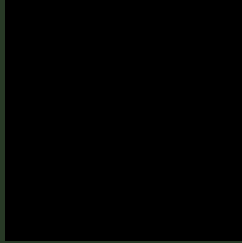
Any Text WCAG AA × Fail

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 283A26 Background



This preview shows how black text looks on a background with the Hex color 283A26.



This preview shows how white text looks on a background with the Hex color 283A26.

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
283A26

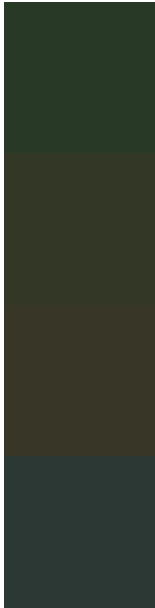
Protanopia
3A3524

Deuteranopia
3F3328



Tritanopia
2C373C

Trichromacy



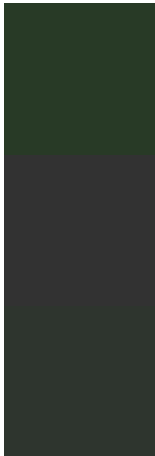
Original Color
283A26

Protanomaly
333725

Deuteranomaly
373627

Tritanomaly
2B3834

Monochromacy



Original Color
283A26

Achromatopsia
323232

Achromatomaly
2E352E

CSS Examples

Text

The CSS property to change the color of the text to Hex 283A26 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 #283A26 looks like.

```
.text, #text, p{  
    color:#283A26  
}
```

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 #283A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283A26
}
```

Border

The CSS property to change the border of an element to Hex 283A26 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
#283A26 }
```

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

```
.border{ border-color:#283A26 }
```

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

Here you see how a box with a 4 pixel #283A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283A26; -webkit-box-shadow:4px 4px  
4px 4px #283A26; box-shadow:4px 4px 4px  
4px #283A26 }
```

Background

The CSS property to change the background color of an element to Hex 283A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283A26 }
```

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

```
.background{ background-color:#283A26 }
```

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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