

Converting Colors

Hex(283D30)

Have a look what the booklet for
Hex(283D30) contains.

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Color

Hex(283D30)

Conversions

Conversions Part 1

Format	Color
Hex	283D30
RGB	40, 61, 48
RGB Percent	16%, 24%, 19%
CMY	0.8431, 0.7608, 0.8118
CMYK	0.34, 0.00, 0.21, 0.76
HSL	143°, 21%, 20%
HSV	143°, 34%, 24%
XYZ	3.0773, 4.0020, 3.4066
YIQ	53.2390, -8.3430, -8.4950

Conversions

Conversions Part 2

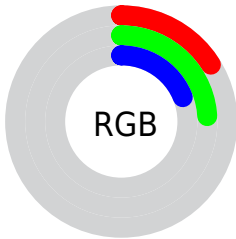
Format	Color
R_{YB}	40, 55, 61
Decimal	2637104
CIE _{Lab}	23.68, -11.67, 5.39
CIE _{LCh}	24, 12.850, 155.201
Yxy	4.0020, 0.2935, 0.3817
Android (android.graphics.Color)	4280827184 (0xFF283D30)
YUV	53.2390, -2.5828, -11.6106
Hunter-Lab	20.0050, -7.5506, 3.9072

Details

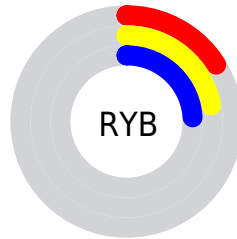
The Hex color **283D30** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D2835**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **566D5E**, and **001300** is the 20% darker color. If you saturate the color by 10%, you get **223D2C**, and if you desaturate by 10%, it is **2E3D34**.

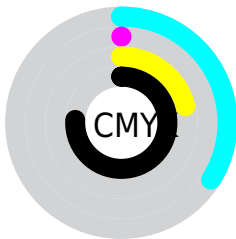
Distribution



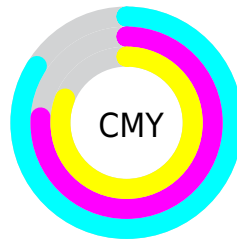
- Red (16%)
- Green (24%)
- Blue (19%)



- Red (16%)
- Yellow (22%)
- Blue (24%)



- Cyan (34%)
- Magenta (0%)
- Yellow (21%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283D30 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 283D30 by changing the saturation by 10% instead.



283D30



283D30

FFFFFF



13271B



566D5E



001300



6E8677



000000



88A090



A2BBAB



BDD7C6



D9F3E2



F6FFFF



283D30



283D30

■ 223D2C

■ 2E3D34

■ 1C3D28

■ 343D38

■ 163D25

■ 3A3D3B

■ 103D21

■ 403D3F

■ 093D1D

■ 463D43

■ 033D19

■ 4D3D47

■ 003D17

■ 533D4A

■ 593D4E

■ 5F3D52

Harmonies

Analogous

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



333B28



283D30



1E3E3A

Triad

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



283D30



2F394B



4B322E

Complementary

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



283D30



3D2835

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.



4B3137



283D30



3C3548

Square

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



283D30



223C4A



463241



463527

Rectangle

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



283D30



1B3E40



463241



4C3231

Sweetspot

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



283D30



474F4A



353D28



242926



A8A8A8



292929

Same Dimension

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



283D30



2F4F3B



283D3A



1C1F1D



005E24



00DE55

Inverse Universe

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



3D2835



4F2F43



3D282B



1F1C1D



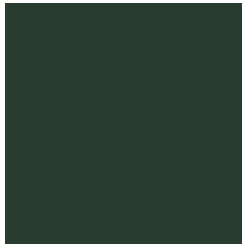
5E003A



DE0089

Previews

White Background



This preview shows how the Hex color 283D30 looks on a white background.

Color Contrast Check

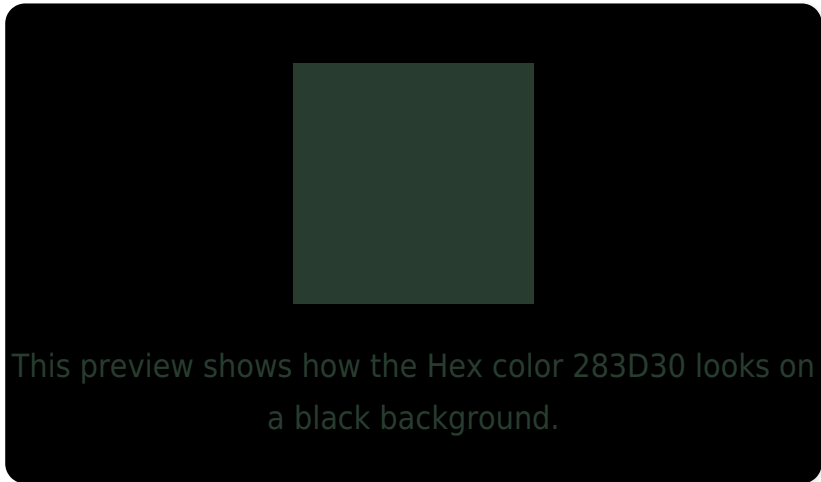
Large Text (above 18pt) WCAG AA ✓ Pass

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

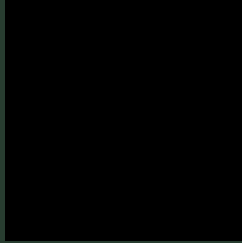
Any Text WCAG AA × Fail

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 283D30 Background



This preview shows how black text looks on a background with the Hex color 283D30.

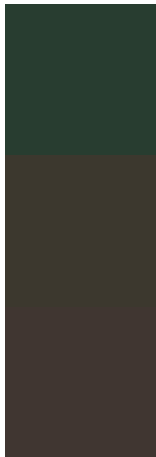


This preview shows how white text looks on a background with the Hex color 283D30.

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](#).

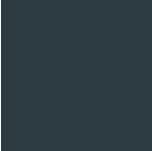
Dichromacy



Original Color
283D30

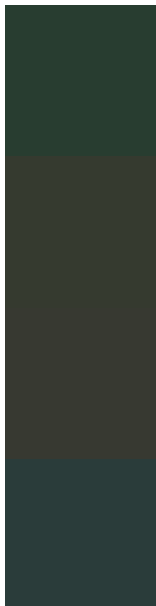
Protanopia
3C382E

Deuteranopia
403631



Tritanopia
2B3B40

Trichromacy



Original Color

283D30

Protanomaly

353A2F

Deuteranomaly

373931

Tritanomaly

2A3C3A

Monochromacy



Original Color

283D30

Achromatopsia

353535

Achromatomaly

303833

CSS Examples

Text

The CSS property to change the color of the text to Hex 283D30 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 #283D30 looks like.

```
.text, #text, p{  
    color:#283D30  
}
```

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 #283D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283D30
}
```

Border

The CSS property to change the border of an element to Hex 283D30 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".

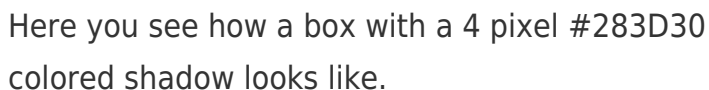
```
.border, #border, table{ border:4px solid
#283D30 }
```

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

```
.border{ border-color:#283D30 }
```

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

Here you see how a box with a 4 pixel #283D30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283D30; -webkit-box-shadow:4px 4px  
4px 4px #283D30; box-shadow:4px 4px 4px  
4px #283D30 }
```

Background

The CSS property to change the background color of an element to Hex 283D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283D30 }
```

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

```
.background{ background-color:#283D30 }
```

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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