

Converting Colors

Hex(283D35)

Have a look what the booklet for
Hex(283D35) contains.

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Color

Hex(283D35)

Conversions

Conversions Part 1

Format	Color
Hex	283D35
RGB	40, 61, 53
RGB Percent	16%, 24%, 21%
CMY	0.8431, 0.7608, 0.7922
CMYK	0.34, 0.00, 0.13, 0.76
HSL	157°, 21%, 20%
HSV	157°, 34%, 24%
XYZ	3.1864, 4.0456, 3.9811
YIQ	53.8090, -9.9480, -6.9400

Conversions

Conversions Part 2

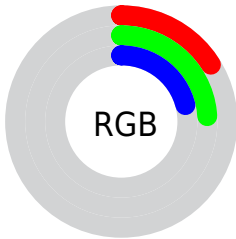
Format	Color
R_{YB}	40, 53, 61
Decimal	2637109
CIE _{Lab}	23.82, -10.42, 2.28
CIE _{LCh}	24, 10.669, 167.677
Yxy	4.0456, 0.2842, 0.3608
Android (android.graphics.Color)	4280827189 (0xFF283D35)
YUV	53.8090, -0.3988, -12.1105
Hunter-Lab	20.1138, -6.9212, 2.3444

Details

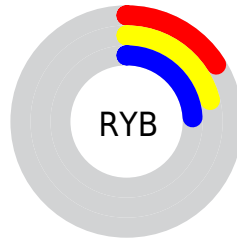
The Hex color **283D35** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3D2830**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **566D63**, and **001308** is the 20% darker color. If you saturate the color by 10%, you get **223D33**, and if you desaturate by 10%, it is **2E3D37**.

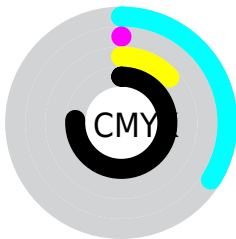
Distribution



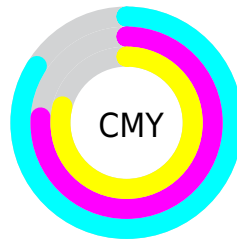
- Red (16%)
- Green (24%)
- Blue (21%)



- Red (16%)
- Yellow (21%)
- Blue (24%)



- Cyan (34%)
- Magenta (0%)
- Yellow (13%)
- Black (76%)



- Cyan (84%)
- Magenta (76%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 283D35 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 283D35 by changing the saturation by 10% instead.



283D35



283D35

FFFFFF



132720



566D63



001308



6E867C



000000



88A096



A2BBB1



BDD7CC



D9F3E8



F6FFFF



283D35



283D35

■ 223D33

■ 2E3D37

■ 1C3D30

■ 343D3A

■ 163D2E

■ 3A3D3C

■ 103D2C

■ 403D3E

■ 093D29

■ 463D41

■ 033D27

■ 4D3D43

■ 003D26

■ 533D45

■ 593D48

■ 5F3D4A

Harmonies

Analogous

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



313C2E



283D35



223D3D

Triad

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



283D35



363848



47352D

Complementary

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



283D35



3D2830

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.



493334



283D35



403543

Square

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



283D35



2B3A48



47333C



423729

Rectangle

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



283D35



223D42



47333C



48342F

Sweetspot

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



283D35



474F4C



303D28



242927



A8A8A8



292929

Same Dimension

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



283D35



2F4F43



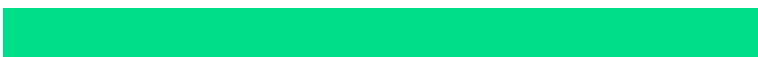
283B3D



1C1F1D



005E3A



00DE89

Inverse Universe

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



3D2830



4F2F3B



3D2A28



1F1C1D



5E0024



DE0055

Previews

White Background



This preview shows how the Hex color 283D35 looks on a white background.

Color Contrast Check

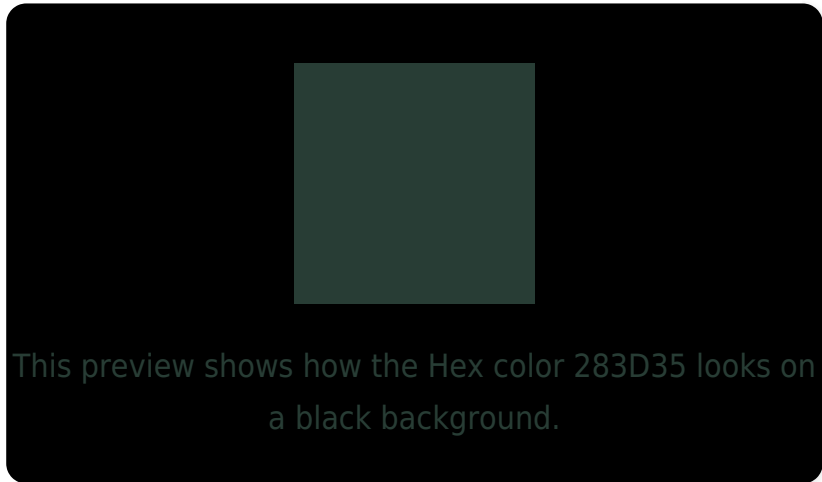
Large Text (above 18pt) WCAG AA ✓ Pass

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

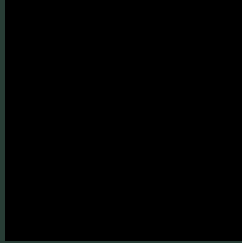
Any Text WCAG AA × Fail

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 283D35 Background



This preview shows how black text looks on a background with the Hex color 283D35.



This preview shows how white text looks on a background with the Hex color 283D35.

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](#).

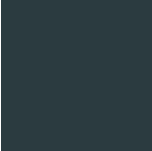
Dichromacy



Original Color
283D35

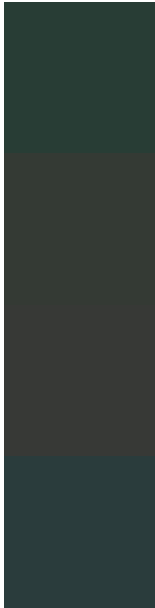
Protanopia
3B3833

Deuteranopia
3F3736



Tritanopia
2B3B40

Trichromacy



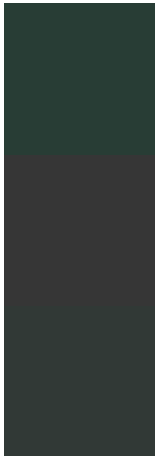
Original Color
283D35

Protanomaly
343A34

Deuteranomaly
373936

Tritanomaly
2A3C3C

Monochromacy



Original Color
283D35

Achromatopsia
363636

Achromatomaly
313936

CSS Examples

Text

The CSS property to change the color of the text to Hex 283D35 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 #283D35 looks like.

```
.text, #text, p{  
    color:#283D35  
}
```

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 #283D35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #283D35
}
```

Border

The CSS property to change the border of an element to Hex 283D35 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".

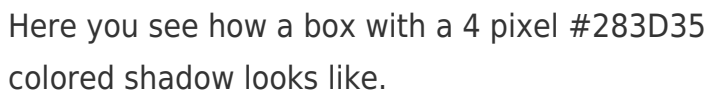
```
.border, #border, table{ border:4px solid
#283D35 }
```

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

```
.border{ border-color:#283D35 }
```

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

Here you see how a box with a 4 pixel #283D35 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #283D35; -webkit-box-shadow:4px 4px  
4px 4px #283D35; box-shadow:4px 4px 4px  
4px #283D35 }
```

Background

The CSS property to change the background color of an element to Hex 283D35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#283D35 }
```

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

```
.background{ background-color:#283D35 }
```

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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