

Converting Colors

Hex(293135)

Have a look what the booklet for
Hex(293135) contains.

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Color

Hex(293135)

Conversions

Conversions Part 1

Format	Color
Hex	293135
RGB	41, 49, 53
RGB Percent	16%, 19%, 21%
CMY	0.8392, 0.8078, 0.7922
CMYK	0.23, 0.08, 0.00, 0.79
HSL	200°, 13%, 18%
HSV	200°, 23%, 21%
XYZ	2.6554, 2.9251, 3.7928
YIQ	47.0640, -6.0520, -0.4520

Conversions

Conversions Part 2

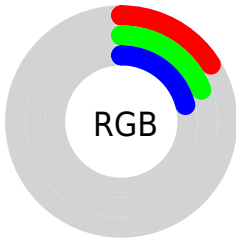
Format	Color
RYB	41, 46, 53
Decimal	2699573
CIELab	19.74, -2.34, -3.69
CIELCh	20, 4.374, 237.638
Yxy	2.9251, 0.2833, 0.3121
Android (android.graphics.Color)	4280889653 (0xFF293135)
YUV	47.0640, 2.9264, -5.3181
Hunter-Lab	17.1029, -2.2164, -1.1764

Details

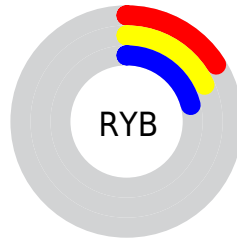
The Hex color **293135** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **352D29**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **565F63**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **242F35**, and if you desaturate by 10%, it is **2E3335**.

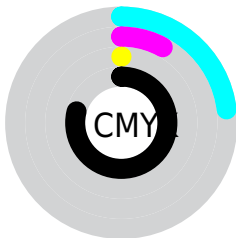
Distribution



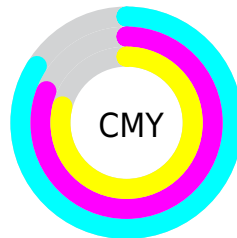
- Red (16%)
- Green (19%)
- Blue (21%)



- Red (16%)
- Yellow (18%)
- Blue (21%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (79%)



- Cyan (84%)
- Magenta (81%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 293135 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 293135 by changing the saturation by 10% instead.

■ 293135

■ 293135

FFFFFF

■ 141C20

■ 565F63

■ 000008

■ 6F787C

■ 000000

■ 889196

■ A2ACB1

■ BEC7CC

■ D9E3E8

■ F6FFFF

■ 293135

■ 293135

■ 242F35

■ 2E3335

■ 1E2D35

■ 343535

■ 192C35

■ 393635

■ 142A35

■ 3E3835

■ 0F2835

■ 443A35

■ 092635

■ 493C35

■ 042535

■ 4E3D35

■ 002335

■ 533F35

■ 594135

Harmonies

Analogous

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



283233



293135



2C3036

Triad

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



293135



362E30



2F302A

Complementary

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



293135



352D29

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.



332F29



293135



372E2D

Square

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



293135



342E33



352E2A



2B312C

Rectangle

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



293135



2F2F36



352E2A



30302A

Sweetspot

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



293135



404345



29352D



212324



A3A3A3



242424

Same Dimension

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



293135



323F45



292B35



17191A



003B59



0090D9

Inverse Universe

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



352931



45323F



353329



1A1719



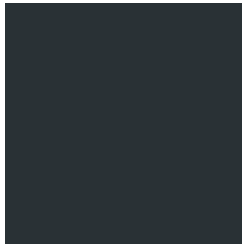
59003B



D90090

Previews

White Background



This preview shows how the Hex color 293135 looks on a white background.

Color Contrast Check

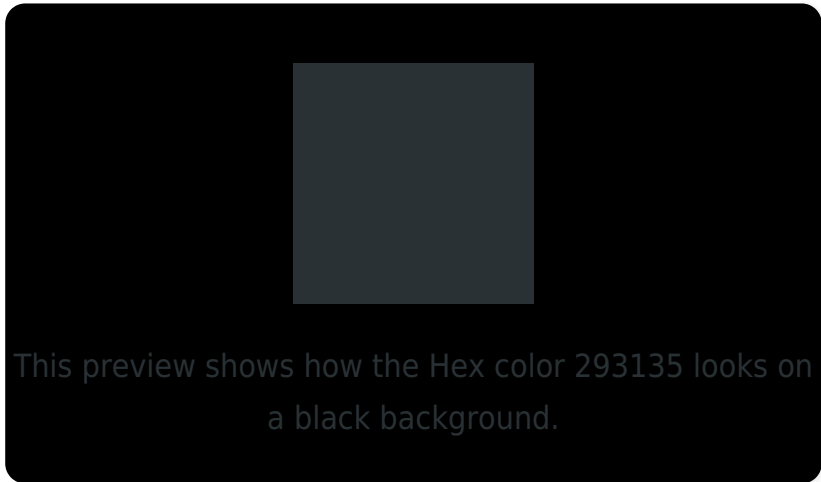
Large Text (above 18pt) WCAG AA ✓ Pass

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

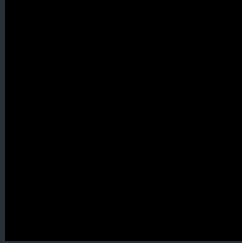
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

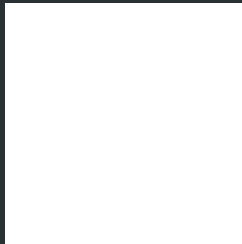
Any Text WCAG AAA × Fail

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

Hex 293135 Background



This preview shows how black text looks on a background with the Hex color 293135.

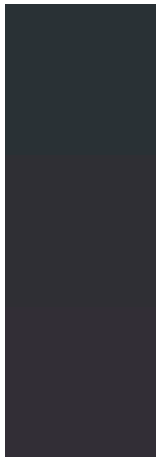


This preview shows how white text looks on a background with the Hex color 293135.

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
293135

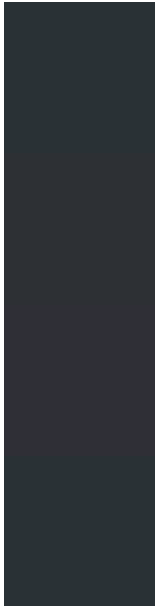
Protanopia
2F2F34

Deuteranopia
322E36



Tritanopia
293135

Trichromacy



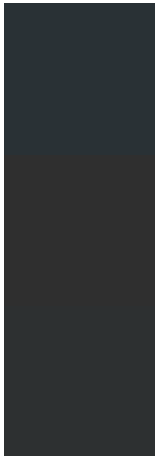
Original Color
293135

Protanomaly
2D3034

Deuteranomaly
2F2F36

Tritanomaly
293135

Monochromacy



Original Color
293135

Achromatopsia
2F2F2F

Achromatomaly
2D3031

CSS Examples

Text

The CSS property to change the color of the text to Hex 293135 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 #293135 looks like.

```
.text, #text, p{  
    color:#293135  
}
```

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 #293135 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #293135
}
```

Border

The CSS property to change the border of an element to Hex 293135 is called "border". The border property can be set on classes, ids or directly on the HTML element.

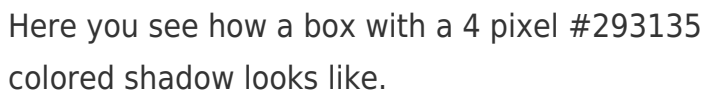
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#293135 }
```

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

```
.border{ border-color:#293135 }
```

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



Here you see how a box with a 4 pixel #293135 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #293135; -webkit-box-shadow:4px 4px  
4px 4px #293135; box-shadow:4px 4px 4px  
4px #293135 }
```

Background

The CSS property to change the background color of an element to Hex 293135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#293135 }
```

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

```
.background{ background-color:#293135 }
```

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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