

Converting Colors

Hex(28293E)

Have a look what the booklet for
Hex(28293E) contains.

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Color

Hex(28293E)

Conversions

Conversions Part 1

Format	Color
Hex	28293E
RGB	40, 41, 62
RGB Percent	16%, 16%, 24%
CMY	0.8431, 0.8392, 0.7569
CMYK	0.35, 0.34, 0.00, 0.76
HSL	237°, 22%, 20%
HSV	237°, 35%, 24%
XYZ	2.5375, 2.3848, 4.8840
YIQ	43.0950, -7.3370, 6.3190

Conversions

Conversions Part 2

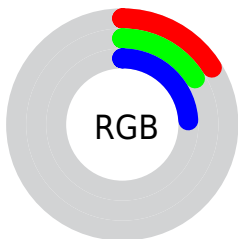
Format	Color
R_YB	40, 41, 62
Decimal	2631998
CIE Lab	17.39, 5.52, -13.49
CIE LCh	17, 14.578, 292.241
Yxy	2.3848, 0.2588, 0.2432
Android (android.graphics.Color)	4280822078 (0xFF28293E)
YUV	43.0950, 9.3202, -2.7143
Hunter-Lab	15.4428, 2.3057, -7.9414

Details

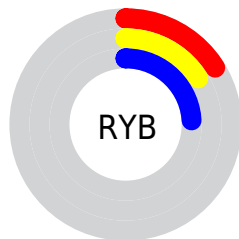
The Hex color **28293E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E3D28**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **56566E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **22233E**, and if you desaturate by 10%, it is **2E2F3E**.

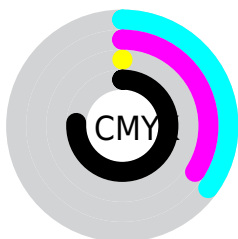
Distribution



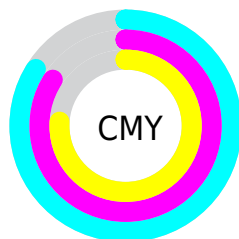
- Red (16%)
- Green (16%)
- Blue (24%)



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



- Cyan (35%)
- Magenta (34%)
- Yellow (0%)
- Black (76%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 28293E 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 28293E by changing the saturation by 10% instead.

■ 28293E

■ 28293E

FFFFFF

■ 131528

■ 56566E

■ 000113

■ 6E6E87

■ 000000

■ 8888A1

■ A2A2BC

■ BDBDD8

■ D9D9F4

■ F6F5FF

■ 28293E

■ 28293E

■ 22233E

■ 2E2F3E

■ 1C1D3E

■ 34353E

■ 15173E

■ 3B3B3E

■ 0F113E

■ 41413E

■ 090B3E

■ 47473E

■ 03053E

■ 4D4D3E

■ 00033E

■ 53523E

■ 5A583E

■ 605E3E

Harmonies

Analogous

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



172D3F



28293E



352538

Triad

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



28293E



3C261B



103028

Complementary

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



28293E



3E3D28

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.



1E2F1E



28293E



342916

Square

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



28293E



3F2323



2A2C17



033032

Rectangle

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



28293E



3B2331



2A2C17



153024

Sweetspot

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



28293E



494952



283E3D



232429



A8A8A8



292929

Same Dimension

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



28293E



2F3052



32283E



1C1C1F



00045E



000ADE

Inverse Universe

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



3E2829



522F30



343E28



1F1C1C



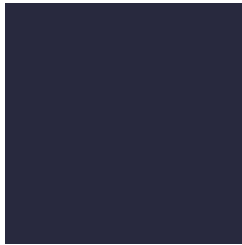
5E0004



DE000A

Previews

White Background



This preview shows how the Hex color 28293E looks on a white background.

Color Contrast Check

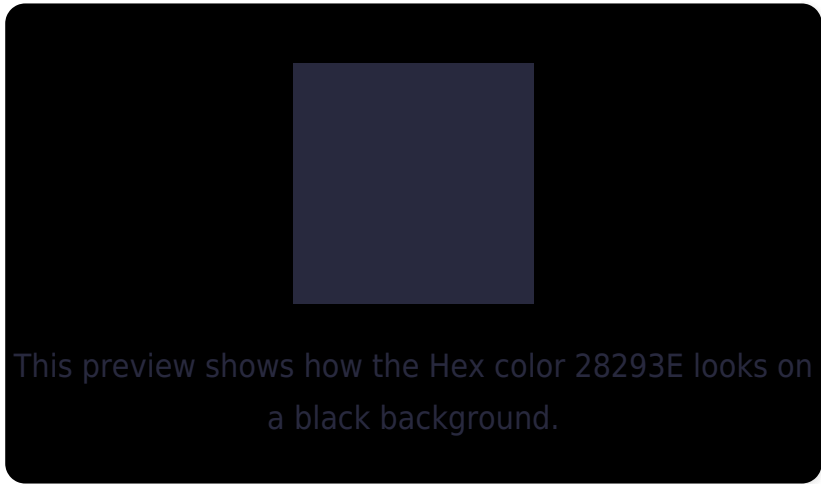
Large Text (above 18pt) WCAG AA ✓ Pass

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

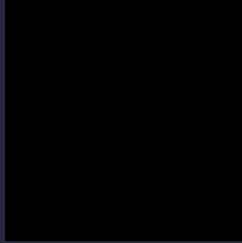
Any Text WCAG AA × Fail

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 28293E Background



This preview shows how black text looks on a background with the Hex color 28293E.

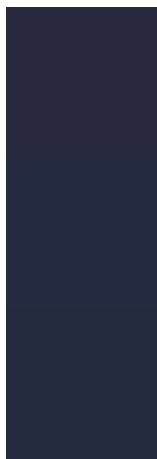


This preview shows how white text looks on a background with the Hex color 28293E.

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
28293E

Protanopia
242A3F

Deuteranopia
232A3E

Trichromacy



Original Color
28293E

Protanomaly
252A3F

Deuteranomaly
252A3E

Tritanomaly
262B34

Monochromacy



Original Color
28293E

Achromatopsia
2B2B2B

Achromatomaly
2A2A32

CSS Examples

Text

The CSS property to change the color of the text to Hex 28293E 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 #28293E looks like.

```
.text, #text, p{  
    color:#28293E  
}
```

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 #28293E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28293E
}
```

Border

The CSS property to change the border of an element to Hex 28293E is called "border". The border property can be set on classes, ids or directly on the HTML element.

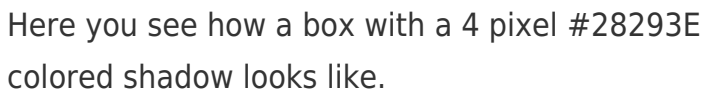
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28293E }
```

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

```
.border{ border-color:#28293E }
```

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



Here you see how a box with a 4 pixel #28293E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28293E; -webkit-box-shadow:4px 4px  
4px 4px #28293E; box-shadow:4px 4px 4px  
4px #28293E }
```

Background

The CSS property to change the background color of an element to Hex 28293E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28293E }
```

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

```
.background{ background-color:#28293E }
```

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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