

Converting Colors

Hex(29223E)

Have a look what the booklet for
Hex(29223E) contains.

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Color

Hex(29223E)

Conversions

Conversions Part 1

Format	Color
Hex	29223E
RGB	41, 34, 62
RGB Percent	16%, 13%, 24%
CMY	0.8392, 0.8667, 0.7569
CMYK	0.34, 0.45, 0.00, 0.76
HSL	255°, 29%, 19%
HSV	255°, 45%, 24%
XYZ	2.3560, 1.9633, 4.8122
YIQ	39.2850, -4.8160, 10.1920

Conversions

Conversions Part 2

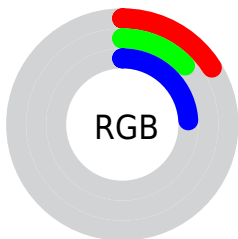
Format	Color
RYB	41, 34, 62
Decimal	2695742
CIELab	15.29, 10.90, -16.76
CIELCh	15, 19.991, 303.043
Yxy	1.9633, 0.2580, 0.2150
Android (android.graphics.Color)	4280885822 (0xFF29223E)
YUV	39.2850, 11.1985, 1.5041
Hunter-Lab	14.0117, 5.4933, -10.5545

Details

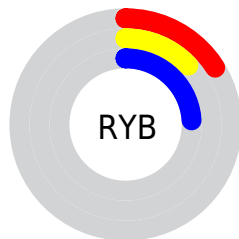
The Hex color **29223E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **373E22**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **574E6E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **241C3E**, and if you desaturate by 10%, it is **2E283E**.

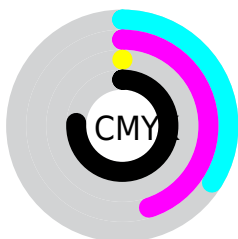
Distribution



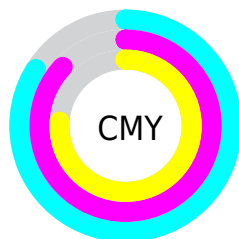
- Red (16%)
- Green (13%)
- Blue (24%)



- Red (16%)
- Yellow (13%)
- Blue (24%)



- Cyan (34%)
- Magenta (45%)
- Yellow (0%)
- Black (76%)



- Cyan (84%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29223E 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 29223E by changing the saturation by 10% instead.

■ 29223E

■ 29223E

FFFFFF

■ 150D28

■ 574E6E

■ 000113

■ 706687

■ 000000

■ 897FA1

■ A499BC

■ BFB4D8

■ DBD0F5

■ F8ECFF

■ 29223E

■ 29223E

■ 241C3E

■ 2E283E

■ 20163E

■ 322E3E

■ 1B0F3E

■ 37353E

■ 16093E

■ 3C3B3E

■ 12033E

■ 40413E

■ 10003E

■ 45473E

■ 4A4D3E

■ 4E543E

■ 535A3E

Harmonies

Analogous

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



0E2742



29223E



391D33

Triad

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



29223E



39210C



002D27

Complementary

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



29223E



373E22

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.



0B2C19



29223E



2D2606

Square

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



29223E



3F1C18



1F2A0D



002D35

Rectangle

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



29223E



3F1A2A



1F2A0D



002D22

Sweetspot

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



29223E



494652



22373E



242229



A8A8A8



292929

Same Dimension

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



29223E



312652



37223E



1C1C1F



18005E



3700DE

Inverse Universe

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



3E2237



522647



293E22



1F1C1E



5E0047



DE00A6

Previews

White Background



This preview shows how the Hex color 29223E looks on a white background.

Color Contrast Check

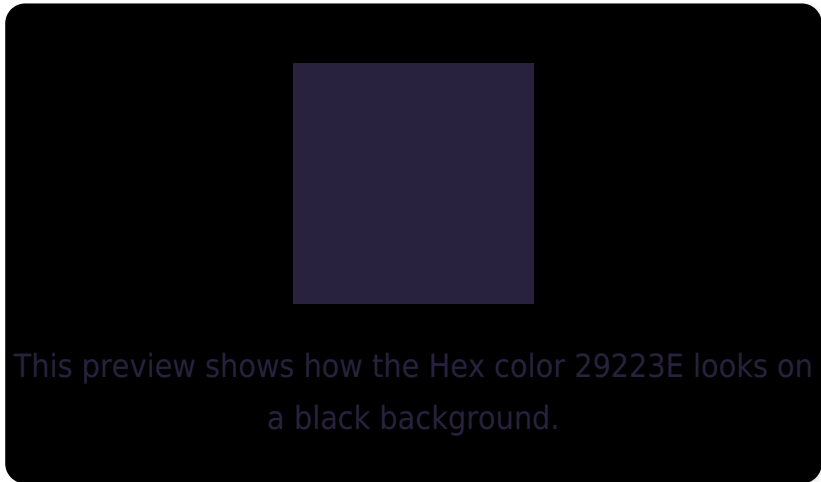
Large Text (above 18pt) WCAG AA ✓ Pass

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

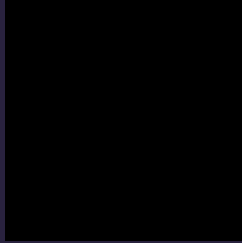
Any Text WCAG AA × Fail

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 29223E Background



This preview shows how black text looks on a background with the Hex color 29223E.



This preview shows how white text looks on a background with the Hex color 29223E.

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](#).

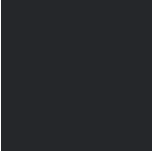
Dichromacy



Original Color
29223E

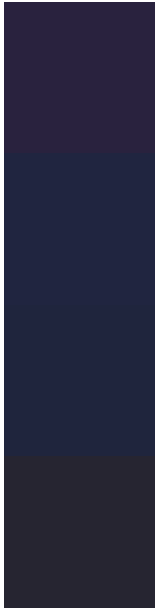
Protanopia
1B2641

Deuteranopia
1A273D



Tritanopia
25272A

Trichromacy



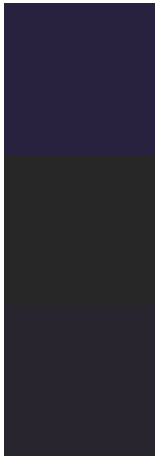
Original Color
29223E

Protanomaly
202540

Deuteranomaly
1F253D

Tritanomaly
262531

Monochromacy



Original Color
29223E

Achromatopsia
272727

Achromatomaly
28252F

CSS Examples

Text

The CSS property to change the color of the text to Hex 29223E 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 #29223E looks like.

```
.text, #text, p{  
    color:#29223E  
}
```

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 #29223E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29223E
}
```

Border

The CSS property to change the border of an element to Hex 29223E is called "border". The border property can be set on classes, ids or directly on the HTML element.

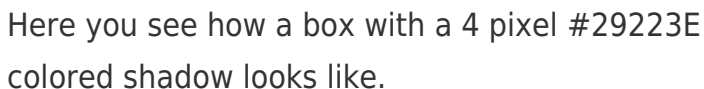
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29223E }
```

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

```
.border{ border-color:#29223E }
```

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



Here you see how a box with a 4 pixel #29223E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29223E; -webkit-box-shadow:4px 4px  
4px 4px #29223E; box-shadow:4px 4px 4px  
4px #29223E }
```

Background

The CSS property to change the background color of an element to Hex 29223E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29223E }
```

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

```
.background{ background-color:#29223E }
```

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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