

Converting Colors

Hex(2D2239)

Have a look what the booklet for
Hex(2D2239) contains.

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Color

Hex(2D2239)

Conversions

Conversions Part 1

Format	Color
Hex	2D2239
RGB	45, 34, 57
RGB Percent	18%, 13%, 22%
CMY	0.8235, 0.8667, 0.7765
CMYK	0.21, 0.40, 0.00, 0.78
HSL	269°, 25%, 18%
HSV	269°, 40%, 22%
XYZ	2.3927, 1.9974, 4.1303
YIQ	39.9110, -0.8270, 9.4850

Conversions

Conversions Part 2

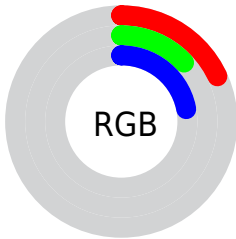
Format	Color
R_YB	45, 34, 57
Decimal	2957881
CIE Lab	15.47, 10.88, -12.94
CIE LCh	15, 16.902, 310.063
Yxy	1.9974, 0.2808, 0.2344
Android (android.graphics.Color)	4281147961 (0xFF2D2239)
YUV	39.9110, 8.4249, 4.4631
Hunter-Lab	14.1328, 5.4884, -7.4346

Details

The Hex color **2D2239** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2E3922**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5B4E68**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1C39**, and if you desaturate by 10%, it is **302839**.

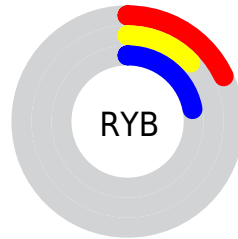
Distribution



 Red (18%)

 Green (13%)

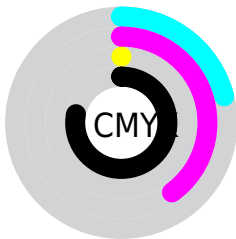
 Blue (22%)



 Red (18%)

 Yellow (13%)

 Blue (22%)

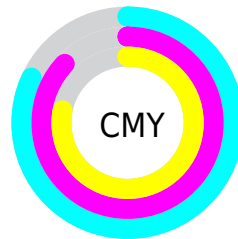


 Cyan (21%)

 Magenta (40%)

 Yellow (0%)

 Black (78%)



 Cyan (82%)

 Magenta (87%)

 Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2239 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 2D2239 by changing the saturation by 10% instead.

■ 2D2239

■ 2D2239

FFFFFF

■ 190D23

■ 5B4E68

■ 00000C

■ 746681

■ 000000

■ 8E7F9B

■ A899B6

■ C3B4D2

■ DFD0EE

■ FCECFE

■ 2D2239

■ 2D2239

■ 2A1C39

■ 302839

■ 271739

■ 332D39

■ 241139

■ 363339

■ 210B39

■ 393939

■ 1E0539

■ 3C3F39

■ 1B0039

■ 3F4439

■ 424A39

■ 455039

■ 485539

Harmonies

Analogous

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



1B273E



2D2239



391E2F

Triad

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



2D2239



352310



002D2A

Complementary

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



2D2239



2E3922

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.



0D2C1E



2D2239



2A270E

Square

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



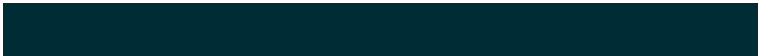
2D2239



3C1F18



1D2A14



002C36

Rectangle

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



2D2239



3D1D27



1D2A14



002D26

Sweetspot

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



2D2239



45414A



222E39



232126



A6A6A6



262626

Same Dimension

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



2D2239



37264A



382239



1B191C



2C005C



6900DB

Inverse Universe

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



39222E



4A2639



233922



1C191B



5C0030



DB0072

Previews

White Background



This preview shows how the Hex color 2D2239 looks on a white background.

Color Contrast Check

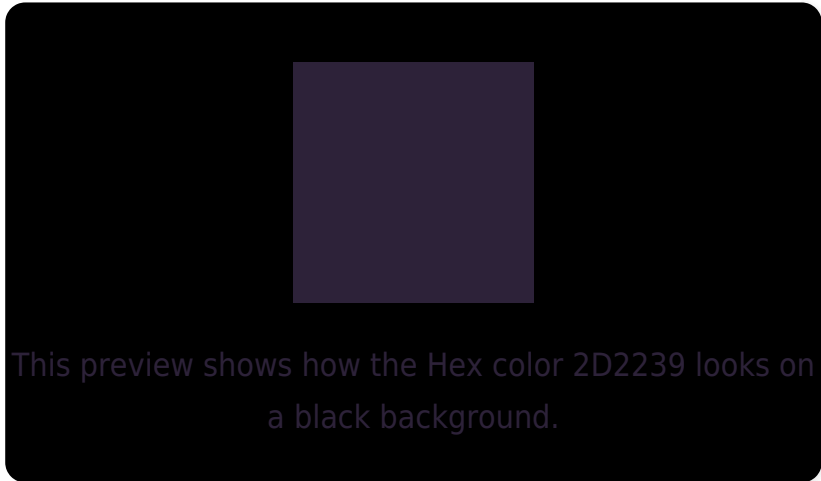
Large Text (above 18pt) WCAG AA ✓ Pass

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

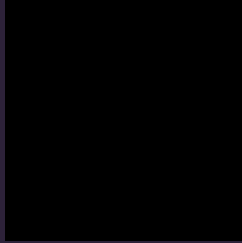
Any Text WCAG AA × Fail

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 2D2239 Background



This preview shows how black text looks on a background with the Hex color 2D2239.



This preview shows how white text looks on a background with the Hex color 2D2239.

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
2D2239

Protanopia
1F263C

Deuteranopia
202738



Tritanopia
2A2628

Trichromacy



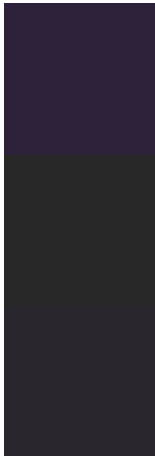
Original Color
2D2239

Protanomaly
24253B

Deuteranomaly
252538

Tritanomaly
2B252E

Monochromacy



Original Color
2D2239

Achromatopsia
282828

Achromatomaly
2A262E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2239 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 #2D2239 looks like.

```
.text, #text, p{  
    color:#2D2239  
}
```

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 #2D2239 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2239
}
```

Border

The CSS property to change the border of an element to Hex 2D2239 is called "border". The border property can be set on classes, ids or directly on the HTML element.

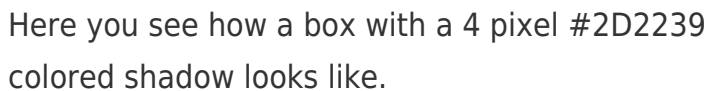
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2239 }
```

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

```
.border{ border-color:#2D2239 }
```

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



Here you see how a box with a 4 pixel #2D2239 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2239; -webkit-box-shadow:4px 4px  
4px 4px #2D2239; box-shadow:4px 4px 4px  
4px #2D2239 }
```

Background

The CSS property to change the background color of an element to Hex 2D2239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2239 }
```

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

```
.background{ background-color:#2D2239 }
```

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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