

Converting Colors

Hex(2D203F)

Have a look what the booklet for
Hex(2D203F) contains.

Hex(2D203F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2D203F)

Conversions

Conversions Part 1

Format	Color
Hex	2D203F
RGB	45, 32, 63
RGB Percent	18%, 13%, 25%
CMY	0.8235, 0.8745, 0.7529
CMYK	0.29, 0.49, 0.00, 0.75
HSL	265°, 33%, 19%
HSV	265°, 49%, 25%
XYZ	2.4959, 1.9498, 4.9474
YIQ	39.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

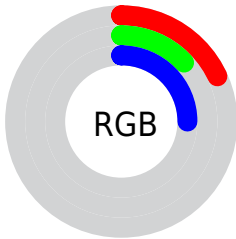
Format	Color
R_{YB}	45, 32, 63
Decimal	2957375
CIE _{Lab}	15.22, 14.04, -17.54
CIE _{LCh}	15, 22.466, 308.681
Yxy	1.9498, 0.2657, 0.2076
Android (android.graphics.Color)	4281147455 (0xFF2D203F)
YUV	39.4210, 11.6244, 4.8928
Hunter-Lab	13.9635, 7.4698, -11.2327




Details

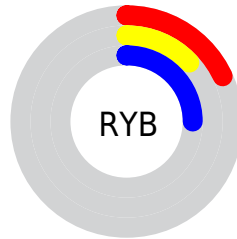
The Hex color **2D203F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **323F20**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **5C4C6F**, and **000114** is the 20% darker color. If you saturate the color by 10%, you get **291A3F**, and if you desaturate by 10%, it is **31263F**.

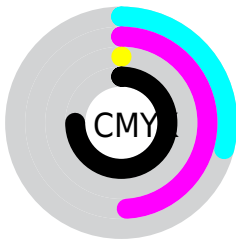
Distribution







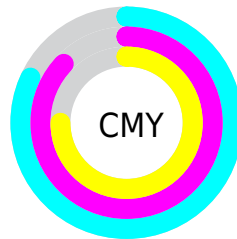
-  Red (18%)
-  Green (13%)
-  Blue (25%)






-  Red (18%)
-  Yellow (13%)
-  Blue (25%)



-  Cyan (29%)
-  Magenta (49%)
-  Yellow (0%)
-  Black (75%)



-  Cyan (82%)
-  Magenta (87%)
-  Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D203F 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 2D203F by changing the saturation by 10% instead.

■ 2D203F

■ 2D203F

FFFFFF

■ 180A29

■ 5C4C6F

■ 000114

■ 756488

■ 000000

■ 8E7DA3

■ A997BE

■ C4B2DA

■ E0CDF6

■ FDEAFF

■ 2D203F

■ 2D203F

■ 291A3F

■ 31263F

■ 26133F

■ 342D3F

■ 220D3F

■ 38333F

■ 1E073F

■ 3C393F

■ 1B003F

■ 3F403F

■ 1A003F

■ 43463F

■ 474C3F

■ 4A523F

■ 4E593F

Harmonies

Analogous

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



0F2646



2D203F



3D1A32

Triad

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



2D203F



382104



002E2A

Complementary

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



2D203F



323F20

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.



002D1A



2D203F



2B2700

Square

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



2D203F



411B13



1A2B0B



002D3A

Rectangle

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



2D203F



421828



1A2B0B



002E25

Sweetspot

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



2D203F



4A4552



20323F



252129



A8A8A8



292929

Same Dimension

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



2D203F



362152



3C203F



1D1C1F



28005E



5D00DE

Inverse Universe

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



3F2032



52213D



233F20



1F1C1D



5E0037



DE0081

Previews

White Background



This preview shows how the Hex color 2D203F looks on a white background.

Color Contrast Check

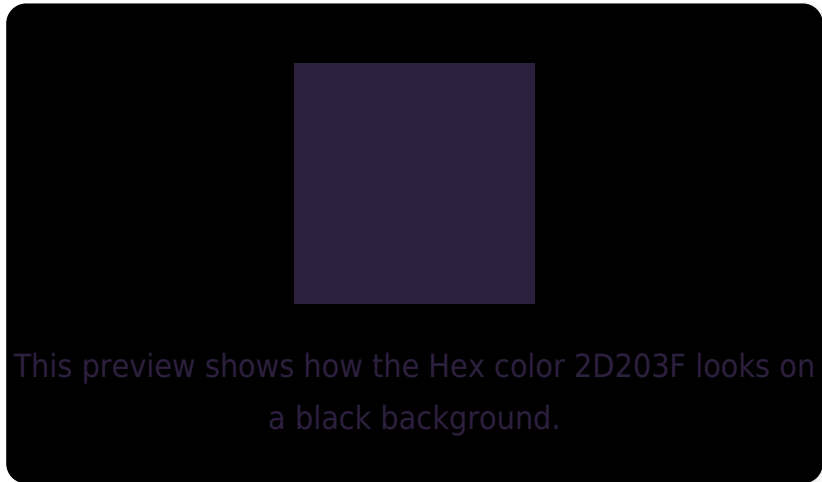
Large Text (above 18pt) WCAG AA ✓ Pass

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

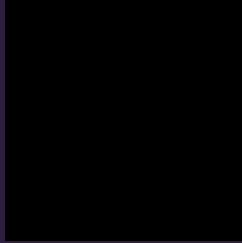
Any Text WCAG AA × Fail

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 2D203F Background



This preview shows how black text looks on a background with the Hex color 2D203F.



This preview shows how white text looks on a background with the Hex color 2D203F.

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
2D203F

Protanopia
182544

Deuteranopia
19273E



Tritanopia
292528

Trichromacy



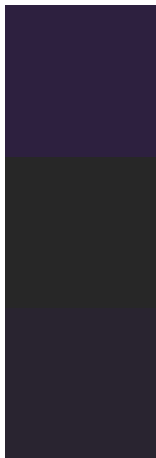
Original Color
2D203F

Protanomaly
202342

Deuteranomaly
20243E

Tritanomaly
2A2330

Monochromacy



Original Color
2D203F

Achromatopsia
272727

Achromatomaly
292430

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D203F 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 #2D203F looks like.

```
.text, #text, p{  
    color:#2D203F  
}
```

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 #2D203F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D203F
}
```

Border

The CSS property to change the border of an element to Hex 2D203F is called "border". The border property can be set on classes, ids or directly on the HTML element.

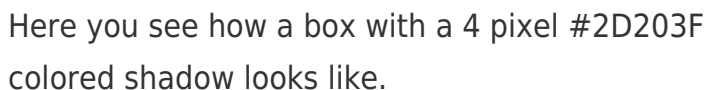
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D203F }
```

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

```
.border{ border-color:#2D203F }
```

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



Here you see how a box with a 4 pixel #2D203F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D203F; -webkit-box-shadow:4px 4px  
4px 4px #2D203F; box-shadow:4px 4px 4px  
4px #2D203F }
```

Background

The CSS property to change the background color of an element to Hex 2D203F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D203F }
```

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

```
.background{ background-color:#2D203F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor