

Converting Colors

Hex(2D213E)

Have a look what the booklet for
Hex(2D213E) contains.

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Color

Hex(2D213E)

Conversions

Conversions Part 1

Format	Color
Hex	2D213E
RGB	45, 33, 62
RGB Percent	18%, 13%, 24%
CMY	0.8235, 0.8706, 0.7569
CMYK	0.27, 0.47, 0.00, 0.76
HSL	265°, 31%, 19%
HSV	265°, 47%, 24%
XYZ	2.4955, 1.9934, 4.8107
YIQ	39.8940, -2.1570, 11.5630

Conversions

Conversions Part 2

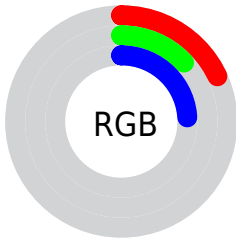
Format	Color
RYB	45, 33, 62
Decimal	2957630
CIELab	15.45, 13.04, -16.48
CIELCh	15, 21.010, 308.356
Yxy	1.9934, 0.2683, 0.2144
Android (android.graphics.Color)	4281147710 (0xFF2D213E)
YUV	39.8940, 10.8983, 4.4780
Hunter-Lab	14.1188, 6.8426, -10.3186

Details

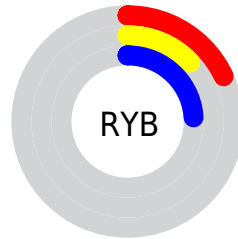
The Hex color **2D213E** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **323E21**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **5C4D6E**, and **000113** is the 20% darker color. If you saturate the color by 10%, you get **291B3E**, and if you desaturate by 10%, it is **31273E**.

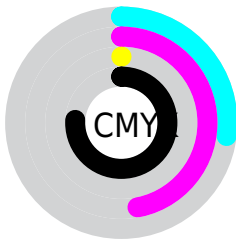
Distribution



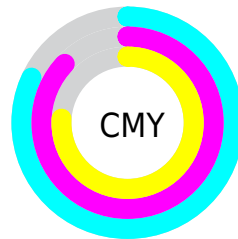
- Red (18%)
- Green (13%)
- Blue (24%)



- Red (18%)
- Yellow (13%)
- Blue (24%)



- Cyan (27%)
- Magenta (47%)
- Yellow (0%)
- Black (76%)



- Cyan (82%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D213E 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 2D213E by changing the saturation by 10% instead.

■ 2D213E

■ 2D213E

FFFFFF

■ 180C28

■ 5C4D6E

■ 000113

■ 746587

■ 000000

■ 8E7EA1

■ A998BC

■ C4B3D8

■ E0CFF5

■ FDEBFF

■ 2D213E

■ 2D213E

■ 291B3E

■ 31273E

■ 26153E

■ 342D3E

■ 220E3E

■ 38343E

■ 1E083E

■ 3C3A3E

■ 1B023E

■ 3F403E

■ 1A003E

■ 43463E

■ 464C3E

■ 4A533E

■ 4E593E

Harmonies

Analogous

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



132744



2D213E



3C1B32

Triad

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



2D213E



382208



002E2A

Complementary

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



2D213E



323E21

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.



032D1B



2D213E



2B2704

Square

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



2D213E



401C15



1B2B0E



002D39

Rectangle

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



2D213E



411A28



1B2B0E



002E25

Sweetspot

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



2D213E



4B4652



21323E



252229



A8A8A8



292929

Same Dimension

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



2D213E



372452



3B213E



1D1C1F



27005E



5C00DE

Inverse Universe

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



3E2132



52243F



243E21



1F1C1D



5E0037



DE0082

Previews

White Background



This preview shows how the Hex color 2D213E looks on a white background.

Color Contrast Check

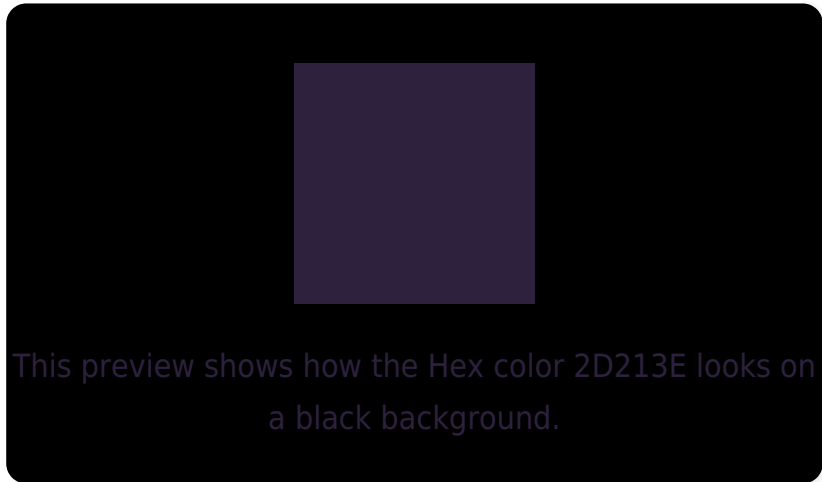
Large Text (above 18pt) WCAG AA ✓ Pass

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

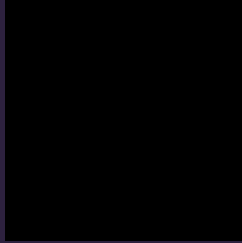
Any Text WCAG AA × Fail

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 2D213E Background



This preview shows how black text looks on a background with the Hex color 2D213E.



This preview shows how white text looks on a background with the Hex color 2D213E.

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
2D213E

Protanopia
1A2643

Deuteranopia
1B273D



Tritanopia
292629

Trichromacy



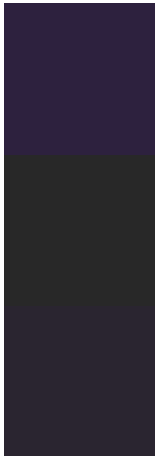
Original Color
2D213E

Protanomaly
212441

Deuteranomaly
22253D

Tritanomaly
2A2431

Monochromacy



Original Color
2D213E

Achromatopsia
282828

Achromatomaly
2A2530

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D213E 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 #2D213E looks like.

```
.text, #text, p{  
  color:#2D213E  
}
```

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 #2D213E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D213E
}
```

Border

The CSS property to change the border of an element to Hex 2D213E is called "border". The border property can be set on classes, ids or directly on the HTML element.

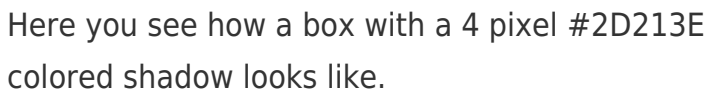
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D213E }
```

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

```
.border{ border-color:#2D213E }
```

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



Here you see how a box with a 4 pixel #2D213E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D213E; -webkit-box-shadow:4px 4px  
4px 4px #2D213E; box-shadow:4px 4px 4px  
4px #2D213E }
```

Background

The CSS property to change the background color of an element to Hex 2D213E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D213E }
```

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

```
.background{ background-color:#2D213E }
```

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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