

Converting Colors

Hex(2D2E71)

Have a look what the booklet for
Hex(2D2E71) contains.

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Color

Hex(2D2E71)

Conversions

Conversions Part 1

Format	Color
Hex	2D2E71
RGB	45, 46, 113
RGB Percent	18%, 18%, 44%
CMY	0.8235, 0.8196, 0.5569
CMYK	0.60, 0.59, 0.00, 0.56
HSL	239°, 43%, 31%
HSV	239°, 60%, 44%
XYZ	5.0398, 3.7041, 16.0721
YIQ	53.3390, -22.1030, 20.6250

Conversions

Conversions Part 2

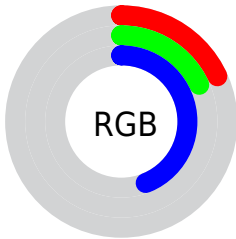
Format	Color
R _Y B	45, 46, 113
Decimal	2961009
CIE Lab	22.67, 21.17, -39.03
CIE LCh	23, 44.401, 298.476
Yxy	3.7041, 0.2031, 0.1493
Android (android.graphics.Color)	4281151089 (0xFF2D2E71)
YUV	53.3390, 29.4129, -7.3133
Hunter-Lab	19.2461, 13.0616, -36.0398

Details

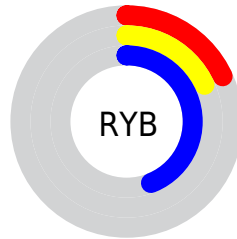
The Hex color **2D2E71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **71702D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **625CA5**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **222371**, and if you desaturate by 10%, it is **383971**.

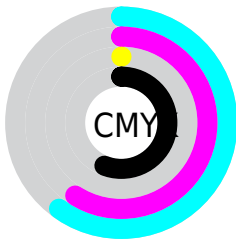
Distribution



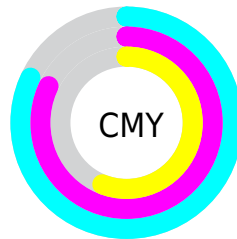
- Red (18%)
- Green (18%)
- Blue (44%)



- Red (18%)
- Yellow (18%)
- Blue (44%)



- Cyan (60%)
- Magenta (59%)
- Yellow (0%)
- Black (56%)



- Cyan (82%)
- Magenta (82%)
- Yellow (56%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2E71 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 2D2E71 by changing the saturation by 10% instead.

■ 2D2E71

■ 2D2E71

FFFFFF

■ 0E1958

■ 625CA5

■ 000040

■ 7C74C1

■ 000329

■ 978EDD

■ 000114

■ B3A9FA

■ 000000

■ CFC4FF

■ ECE0FF

■ FFFCFF

■ 2D2E71

■ 2D2E71

■ 222371

■ 383971

■ 161871

■ 444471

■ 0B0D71

■ 4F4F71

■ 000271

■ 5A5B71

■ 666671

■ 717171

■ 7C7C71

■ 878771

■ 939271

Harmonies

Analogous

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



003B79



2D2E71



5B1A59

Triad

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



2D2E71



5E2600



004433

Complementary

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



2D2E71



71702D

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.



004210



2D2E71



453400

Square

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



2D2E71



6C1219



263D00



004455

Rectangle

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



2D2E71



690C44



263D00



004328

Sweetspot

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



2D2E71



797A94



2D7170



3A3A4A



C9C9C9



4A4A4A

Same Dimension

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



2D2E71



292B94



4E2D71



323338



000278



0004F7

Inverse Universe

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



712D2E



94292B



50712D



383233



780002



F70004

Previews

White Background



This preview shows how the Hex color 2D2E71 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 2D2E71 Background



This preview shows how black text looks on a background with the Hex color 2D2E71.



This preview shows how white text looks on a background with the Hex color 2D2E71.

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](#).

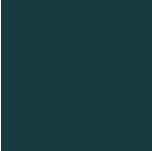
Dichromacy



Original Color
2D2E71

Protanopia
00346F

Deuteranopia
003860



Tritanopia
163B40

Trichromacy



Original Color
2D2E71

Protanomaly
103270

Deuteranomaly
103466

Tritanomaly
1E3652

Monochromacy



Original Color
2D2E71

Achromatopsia
353535

Achromatomaly
32324B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2E71 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 #2D2E71 looks like.

```
.text, #text, p{  
    color:#2D2E71  
}
```

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 #2D2E71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2E71
}
```

Border

The CSS property to change the border of an element to Hex 2D2E71 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
#2D2E71 }
```

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

```
.border{ border-color:#2D2E71 }
```

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

Here you see how a box with a 4 pixel #2D2E71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2E71; -webkit-box-shadow:4px 4px  
4px 4px #2D2E71; box-shadow:4px 4px 4px  
4px #2D2E71 }
```

Background

The CSS property to change the background color of an element to Hex 2D2E71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2E71 }
```

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

```
.background{ background-color:#2D2E71 }
```

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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