

Converting Colors

Hex(2C2F65)

Have a look what the booklet for
Hex(2C2F65) contains.

Hex(2C2F65)	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(2C2F65)

Conversions

Conversions Part 1

Format	Color
Hex	2C2F65
RGB	44, 47, 101
RGB Percent	17%, 18%, 40%
CMY	0.8275, 0.8157, 0.6039
CMYK	0.56, 0.53, 0.00, 0.60
HSL	237°, 39%, 28%
HSV	237°, 56%, 40%
XYZ	4.4042, 3.5081, 12.7569
YIQ	52.2590, -19.1220, 16.1580

Conversions

Conversions Part 2

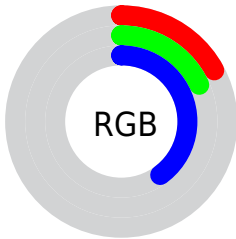
Format	Color
R_{YB}	44, 47, 101
Decimal	2895717
CIE _{Lab}	21.97, 15.91, -32.39
CIE _{LCh}	22, 36.089, 296.158
Yxy	3.5081, 0.2131, 0.1697
Android (android.graphics.Color)	4281085797 (0xFF2C2F65)
YUV	52.2590, 24.0293, -7.2431
Hunter-Lab	18.7299, 9.1955, -27.2715

Details

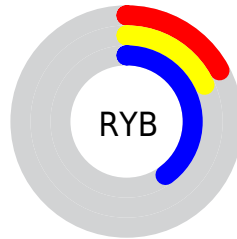
The Hex color **2C2F65** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **65622C**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5F5D98**, and **000036** is the 20% darker color. If you saturate the color by 10%, you get **222565**, and if you desaturate by 10%, it is **363965**.

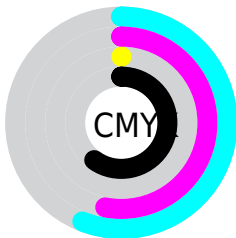
Distribution



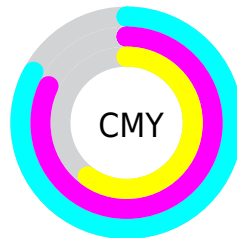
- Red (17%)
- Green (18%)
- Blue (40%)



- Red (17%)
- Yellow (18%)
- Blue (40%)



- Cyan (56%)
- Magenta (53%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (82%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C2F65 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 2C2F65 by changing the saturation by 10% instead.

■ 2C2F65

■ 2C2F65

FFFFFF

■ 111A4D

■ 5F5D98

■ 000036

■ 7975B3

■ 000220

■ 938FCF

■ 000003

■ AFA9EB

■ 000000

■ CAC5FF

■ E7E1FF

■ FFFDFF

■ 2C2F65

■ 2C2F65

■ 222565

■ 363965

■ 181C65

■ 404265

■ 0E1265

■ 4A4C65

■ 040965

■ 545565

■ 000565

■ 5F5F65

■ 696865

■ 737265

■ 7D7C65

■ 878565

Harmonies

Analogous

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



00396A



2C2F65



512253

Triad

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



2C2F65



572704



004030

Complementary

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



2C2F65



65622C

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.



003E15



2C2F65



443200

Square

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



2C2F65



631B1F



2B3A00



00414C

Rectangle

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



2C2F65



5E1A42



2B3A00



004027

Sweetspot

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



2C2F65



6C6D82



2C6561



353642



C2C2C2



424242

Same Dimension

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



2C2F65



2A2E82



452C65



2E2E33



000673



000DF2

Inverse Universe

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



652C2F



822A2E



4C652C



332E2E



730006



F2000D

Previews

White Background



This preview shows how the Hex color 2C2F65 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

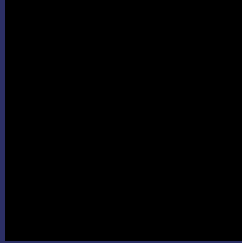
Any Text WCAG AA × Fail

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 2C2F65 Background



This preview shows how black text looks on a background with the Hex color 2C2F65.



This preview shows how white text looks on a background with the Hex color 2C2F65.

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](#).

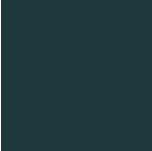
Dichromacy



Original Color
2C2F65

Protanopia
103369

Deuteranopia
00365E



Tritanopia
1D393E

Trichromacy



Original Color
2C2F65

Protanomaly
1A3268

Deuteranomaly
103361

Tritanomaly
22354C

Monochromacy



Original Color
2C2F65

Achromatopsia
343434

Achromatomaly
313246

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C2F65 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 #2C2F65 looks like.

```
.text, #text, p{  
    color:#2C2F65  
}
```

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 #2C2F65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C2F65
}
```

Border

The CSS property to change the border of an element to Hex 2C2F65 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
#2C2F65 }
```

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

```
.border{ border-color:#2C2F65 }
```

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

Here you see how a box with a 4 pixel #2C2F65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C2F65; -webkit-box-shadow:4px 4px  
4px 4px #2C2F65; box-shadow:4px 4px 4px  
4px #2C2F65 }
```

Background

The CSS property to change the background color of an element to Hex 2C2F65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C2F65 }
```

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

```
.background{ background-color:#2C2F65 }
```

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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