

Converting Colors

Hex(2D2F63)

Have a look what the booklet for
Hex(2D2F63) contains.

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Color

Hex(2D2F63)

Conversions

Conversions Part 1

Format	Color
Hex	2D2F63
RGB	45, 47, 99
RGB Percent	18%, 18%, 39%
CMY	0.8235, 0.8157, 0.6118
CMYK	0.55, 0.53, 0.00, 0.61
HSL	238°, 38%, 28%
HSV	238°, 55%, 39%
XYZ	4.3508, 3.4918, 12.2490
YIQ	52.3300, -17.8840, 15.7480

Conversions

Conversions Part 2

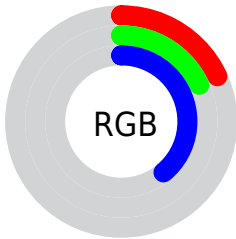
Format	Color
R_{YB}	45, 47, 99
Decimal	2961251
CIE _{Lab}	21.91, 15.44, -31.18
CIE _{LCh}	22, 34.790, 296.339
Yxy	3.4918, 0.2165, 0.1738
Android (android.graphics.Color)	4281151331 (0xFF2D2F63)
YUV	52.3300, 23.0083, -6.4284
Hunter-Lab	18.6863, 8.8602, -25.7848

Details

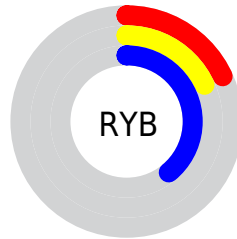
The Hex color **2D2F63** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **63612D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5F5D96**, and **000034** is the 20% darker color. If you saturate the color by 10%, you get **232563**, and if you desaturate by 10%, it is **373963**.

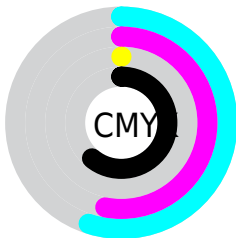
Distribution



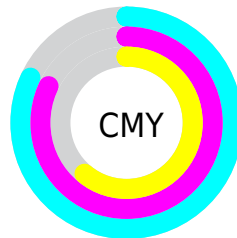
- Red (18%)
- Green (18%)
- Blue (39%)



- Red (18%)
- Yellow (18%)
- Blue (39%)



- Cyan (55%)
- Magenta (53%)
- Yellow (0%)
- Black (61%)



- Cyan (82%)
- Magenta (82%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2F63 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 2D2F63 by changing the saturation by 10% instead.

■ 2D2F63

■ 2D2F63

FFFFFF

■ 131A4B

■ 5F5D96

■ 000034

■ 7975B1

■ 00021E

■ 948FCD

■ 000000

■ AFA9E9

■ CBC5FF

■ E7E1FF

■ FFFDFF

■ 2D2F63

■ 2D2F63

■ 232563

■ 373963

■ 191C63

■ 414263

■ 0F1263

■ 4B4C63

■ 050963

■ 555563

■ 000463

■ 5F5F63

■ 686863

■ 727263

■ 7C7B63

■ 868563

Harmonies

Analogous

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



003968



2D2F63



502351

Triad

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



2D2F63



562807



004030

Complementary

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



2D2F63



63612D

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.



003E16



2D2F63



443200

Square

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



2D2F63



611C1F



2B3A00



00404B

Rectangle

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



2D2F63



5D1B41



2B3A00



004027

Sweetspot

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



2D2F63



6B6C80



2D6360



343440



BFBFBF



404040

Same Dimension

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



2D2F63



2D3080



452D63



2C2C30



000470



0009F0

Inverse Universe

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



632D2F



802D30



4B632D



302C2C



700004



F00009

Previews

White Background



This preview shows how the Hex color 2D2F63 looks on a white background.

Color Contrast Check

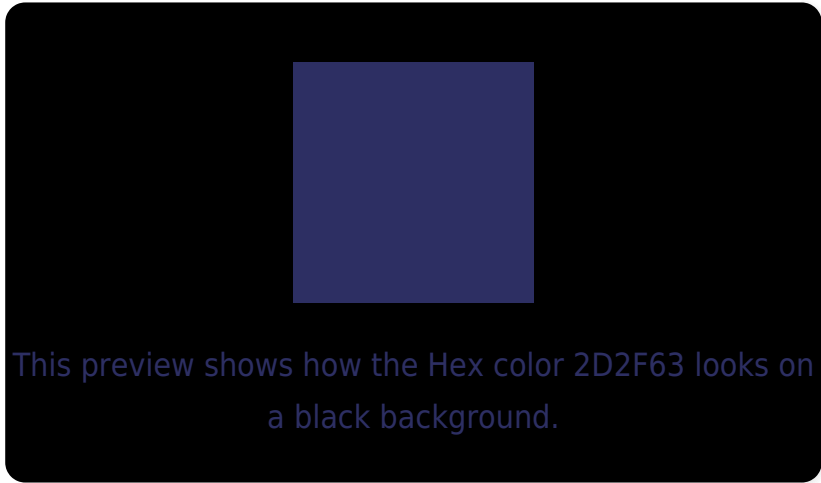
Large Text (above 18pt) WCAG AA ✓ Pass

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

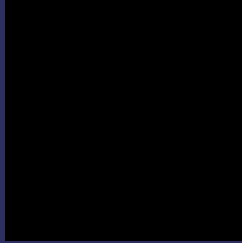
Any Text WCAG AA × Fail

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 2D2F63 Background



This preview shows how black text looks on a background with the Hex color 2D2F63.



This preview shows how white text looks on a background with the Hex color 2D2F63.

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](#).

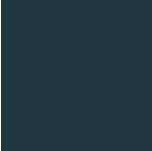
Dichromacy



Original Color
2D2F63

Protanopia
143367

Deuteranopia
00365E



Tritanopia
1F383D

Trichromacy



Original Color
2D2F63

Protanomaly
1D3266

Deuteranomaly
103360

Tritanomaly
24354B

Monochromacy



Original Color
2D2F63

Achromatopsia
343434

Achromatomaly
313245

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2F63 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 #2D2F63 looks like.

```
.text, #text, p{  
    color:#2D2F63  
}
```

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 #2D2F63 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2F63
}
```

Border

The CSS property to change the border of an element to Hex 2D2F63 is called "border". The border property can be set on classes, ids or directly on the HTML element.

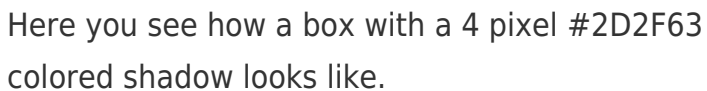
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2F63 }
```

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

```
.border{ border-color:#2D2F63 }
```

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



Here you see how a box with a 4 pixel #2D2F63 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2F63; -webkit-box-shadow:4px 4px  
4px 4px #2D2F63; box-shadow:4px 4px 4px  
4px #2D2F63 }
```

Background

The CSS property to change the background color of an element to Hex 2D2F63 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2F63 }
```

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

```
.background{ background-color:#2D2F63 }
```

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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