

Converting Colors

Hex(2D2A35)

Have a look what the booklet for
Hex(2D2A35) contains.

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Color

Hex(2D2A35)

Conversions

Conversions Part 1

Format	Color
Hex	2D2A35
RGB	45, 42, 53
RGB Percent	18%, 16%, 21%
CMY	0.8235, 0.8353, 0.7922
CMYK	0.15, 0.21, 0.00, 0.79
HSL	256°, 12%, 19%
HSV	256°, 21%, 21%
XYZ	2.5528, 2.4709, 3.7105
YIQ	44.1510, -1.7430, 4.0570

Conversions

Conversions Part 2

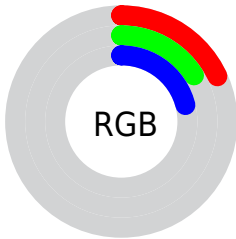
Format	Color
R _Y B	45, 42, 53
Decimal	2959925
CIE Lab	17.79, 4.11, -6.59
CIE LCh	18, 7.764, 301.925
Yxy	2.4709, 0.2923, 0.2829
Android (android.graphics.Color)	4281150005 (0xFF2D2A35)
YUV	44.1510, 4.3626, 0.7446
Hunter-Lab	15.7190, 1.4802, -2.9924

Details

The Hex color **2D2A35** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **32352A**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **5B5764**, and **000007** is the 20% darker color. If you saturate the color by 10%, you get **292535**, and if you desaturate by 10%, it is **312F35**.

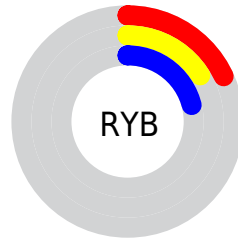
Distribution



Red (18%)

Green (16%)

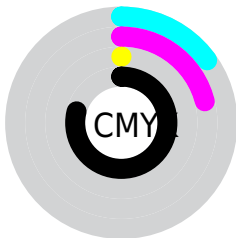
Blue (21%)



Red (18%)

Yellow (16%)

Blue (21%)

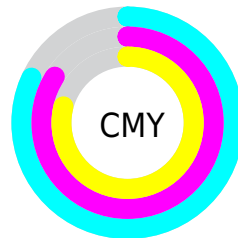


Cyan (15%)

Magenta (21%)

Yellow (0%)

Black (79%)



Cyan (82%)

Magenta (84%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D2A35 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 2D2A35 by changing the saturation by 10% instead.

■ 2D2A35

■ 2D2A35

FFFFFF

■ 181620

■ 5B5764

■ 000007

■ 73707C

■ 000000

■ 8D8996

■ A7A3B1

■ C2BECC

■ DEDAE9

■ FBF7FF

■ 2D2A35

■ 2D2A35

■ 292535

■ 312F35

■ 251F35

■ 353535

■ 211A35

■ 393A35

■ 1E1535

■ 3C3F35

■ 1A0F35

■ 404535

■ 160A35

■ 444A35

■ 120535

■ 484F35

■ 0E0035

■ 4C5435

■ 505A35

Harmonies

Analogous

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



262C37



2D2A35



332831

Triad

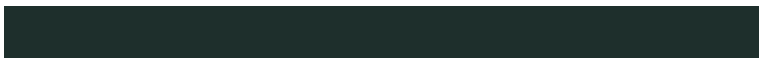
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2D2A35



342922



1E2F2C

Complementary

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



2D2A35



32352A

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.



232E26



2D2A35



2F2B20

Square

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



2D2A35



372826



292D22



1C2F31

Rectangle

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



2D2A35



36282D



292D22



1F2F2A

Sweetspot

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



2D2A35



424145



2A3235



222124



A3A3A3



242424

Same Dimension

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



2D2A35



383445



322A35



18171A



180059



3B00D9

Inverse Universe

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



352A32



453440



2D352A



1A1719



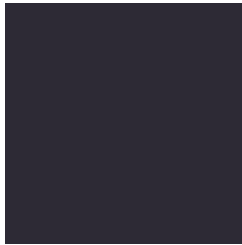
590041



D9009E

Previews

White Background



This preview shows how the Hex color 2D2A35 looks on a white background.

Color Contrast Check

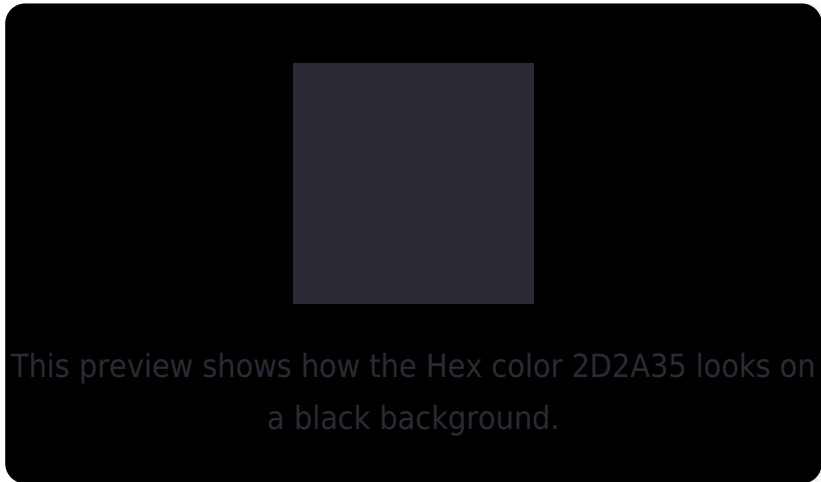
Large Text (above 18pt) WCAG AA ✓ Pass

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

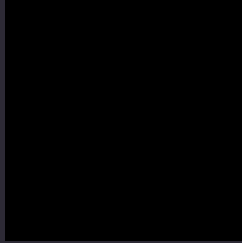
Any Text WCAG AA × Fail

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 2D2A35 Background



This preview shows how black text looks on a background with the Hex color 2D2A35.



This preview shows how white text looks on a background with the Hex color 2D2A35.

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
2D2A35

Protanopia
292B36

Deuteranopia
2B2B35

Trichromacy



Original Color
2D2A35

Protanomaly
2A2B36

Deuteranomaly
2C2B35

Tritanomaly
2C2B31

Monochromacy



Original Color
2D2A35

Achromatopsia
2C2C2C

Achromatomaly
2C2B2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D2A35 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 #2D2A35 looks like.

```
.text, #text, p{  
    color:#2D2A35  
}
```

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 #2D2A35 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D2A35
}
```

Border

The CSS property to change the border of an element to Hex 2D2A35 is called "border". The border property can be set on classes, ids or directly on the HTML element.

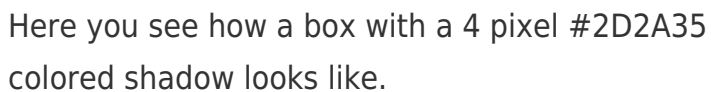
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2D2A35 }
```

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

```
.border{ border-color:#2D2A35 }
```

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



Here you see how a box with a 4 pixel #2D2A35 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D2A35; -webkit-box-shadow:4px 4px  
4px 4px #2D2A35; box-shadow:4px 4px 4px  
4px #2D2A35 }
```

Background

The CSS property to change the background color of an element to Hex 2D2A35 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D2A35 }
```

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

```
.background{ background-color:#2D2A35 }
```

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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