

Converting Colors

Hex(2A2531)

Have a look what the booklet for
Hex(2A2531) contains.

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Color

Hex(2A2531)

Conversions

Conversions Part 1

Format	Color
Hex	2A2531
RGB	42, 37, 49
RGB Percent	16%, 15%, 19%
CMY	0.8353, 0.8549, 0.8078
CMYK	0.14, 0.24, 0.00, 0.81
HSL	265°, 14%, 17%
HSV	265°, 24%, 19%
XYZ	2.1708, 2.0371, 3.1845
YIQ	39.8630, -0.8720, 4.7920

Conversions

Conversions Part 2

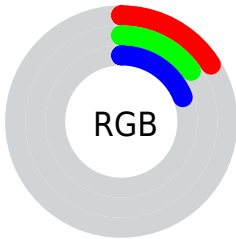
Format	Color
RYB	42, 37, 49
Decimal	2762033
CIELab	15.68, 5.31, -7.00
CIELCh	16, 8.782, 307.167
Yxy	2.0371, 0.2937, 0.2756
Android (android.graphics.Color)	4280952113 (0xFF2A2531)
YUV	39.8630, 4.5045, 1.8741
Hunter-Lab	14.2728, 2.1712, -3.2377

Details

The Hex color **2A2531** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3125**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **57525F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **272031**, and if you desaturate by 10%, it is **2D2A31**.

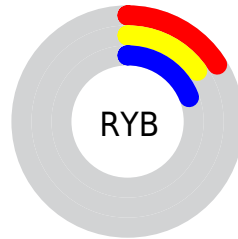
Distribution



Red (16%)

Green (15%)

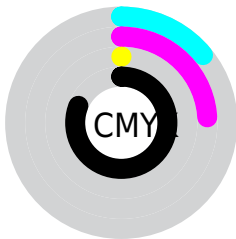
Blue (19%)



Red (16%)

Yellow (15%)

Blue (19%)

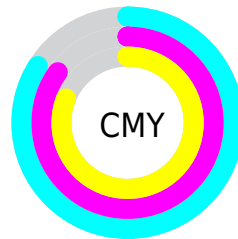


Cyan (14%)

Magenta (24%)

Yellow (0%)

Black (81%)



Cyan (84%)

Magenta (85%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2531 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 2A2531 by changing the saturation by 10% instead.

■ 2A2531

■ 2A2531

FFFFFF

■ 16101C

■ 57525F

■ 000000

■ 706A78

■ 898392

■ A49DAC

■ BFB8C7

■ DAD3E3

■ F7F0FF

■ 2A2531

■ 2A2531

■ 272031

■ 2D2A31

■ 241B31

■ 302F31

■ 211631

■ 333431

■ 1F1131

■ 353931

■ 1C0D31

■ 383E31

■ 190831

■ 3B4231

■ 160331

■ 3E4731

■ 140031

■ 414C31

■ 445131

Harmonies

Analogous

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



222733



2A2531



30232C

Triad

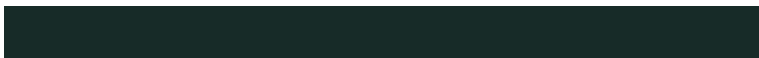
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A2531



30251C



172B28

Complementary

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



2A2531



2C3125

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.



1C2A22



2A2531



2A271B

Square

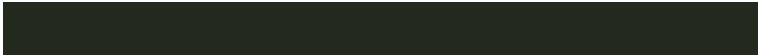
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2A2531



332320



23291D



152A2E

Rectangle

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



2A2531



332328



23291D



182B26

Sweetspot

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



2A2531



3D3B40



252C31



201E21



A1A1A1



212121

Same Dimension

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



2A2531



352D40



302531



18171A



250059



5A00D9

Inverse Universe

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



31252C



402D38



263125



1A1718



590034



D9007E

Previews

White Background



This preview shows how the Hex color 2A2531 looks on a white background.

Color Contrast Check

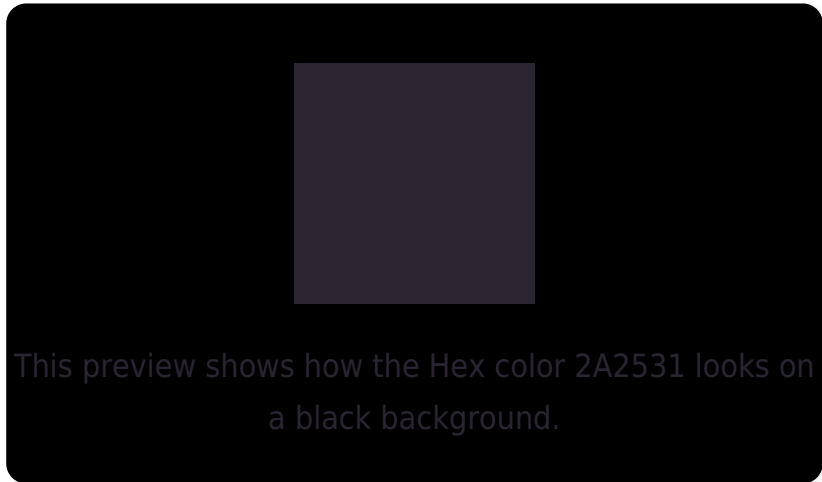
Large Text (above 18pt) WCAG AA ✓ Pass

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

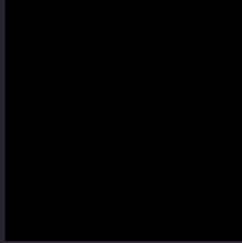
Any Text WCAG AA × Fail

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 2A2531 Background



This preview shows how black text looks on a background with the Hex color 2A2531.

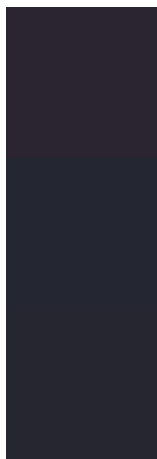


This preview shows how white text looks on a background with the Hex color 2A2531.

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
2A2531

Protanopia
242732

Deuteranopia
262631



Tritanopia
292629

Trichromacy



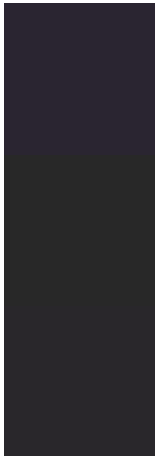
Original Color
2A2531

Protanomaly
262632

Deuteranomaly
272631

Tritanomaly
29262C

Monochromacy



Original Color
2A2531

Achromatopsia
282828

Achromatomaly
29272B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2531 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 #2A2531 looks like.

```
.text, #text, p{  
    color:#2A2531  
}
```

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 #2A2531 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2531
}
```

Border

The CSS property to change the border of an element to Hex 2A2531 is called "border". The border property can be set on classes, ids or directly on the HTML element.

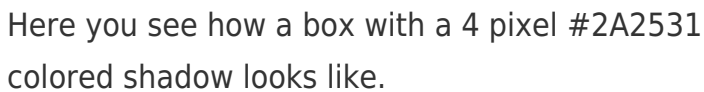
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2531 }
```

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

```
.border{ border-color:#2A2531 }
```

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



Here you see how a box with a 4 pixel #2A2531 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2531; -webkit-box-shadow:4px 4px  
4px 4px #2A2531; box-shadow:4px 4px 4px  
4px #2A2531 }
```

Background

The CSS property to change the background color of an element to Hex 2A2531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2531 }
```

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

```
.background{ background-color:#2A2531 }
```

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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