

Converting Colors

Hex(2A2932)

Have a look what the booklet for
Hex(2A2932) contains.

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Color

Hex(2A2932)

Conversions

Conversions Part 1

Format	Color
Hex	2A2932
RGB	42, 41, 50
RGB Percent	16%, 16%, 20%
CMY	0.8353, 0.8392, 0.8039
CMYK	0.16, 0.18, 0.00, 0.80
HSL	247°, 10%, 18%
HSV	247°, 18%, 20%
XYZ	2.3235, 2.3084, 3.3407
YIQ	42.3250, -2.2930, 3.0110

Conversions

Conversions Part 2

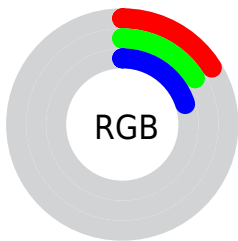
Format	Color
RYB	42, 41, 50
Decimal	2763058
CIELab	17.03, 2.75, -5.67
CIELCh	17, 6.296, 295.862
Yxy	2.3084, 0.2914, 0.2895
Android (android.graphics.Color)	4280953138 (0xFF2A2932)
YUV	42.3250, 3.7838, -0.2850
Hunter-Lab	15.1934, 0.7092, -2.4012

Details

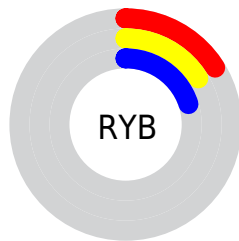
The Hex color **2A2932** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **313229**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **575660**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **262432**, and if you desaturate by 10%, it is **2E2E32**.

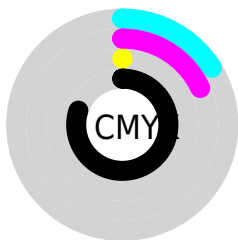
Distribution



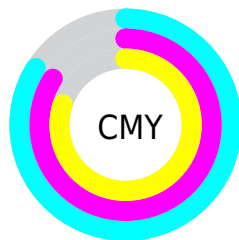
- Red (16%)
- Green (16%)
- Blue (20%)



- Red (16%)
- Yellow (16%)
- Blue (20%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (80%)



- Cyan (84%)
- Magenta (84%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2932 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 2A2932 by changing the saturation by 10% instead.

■ 2A2932

■ 2A2932

FFFFFF

■ 16151D

■ 575660

■ 000001

■ 706E79

■ 000000

■ 898893

■ A3A2AD

■ BEBDC9

■ DAD9E5

■ F7F5FF

■ 2A2932

■ 2A2932

■ 262432

■ 2E2E32

■ 211F32

■ 333332

■ 1D1A32

■ 373832

■ 181532

■ 3C3D32

■ 141032

■ 404232

■ 0F0B32

■ 454732

■ 0B0632

■ 494C32

■ 060132

■ 4E5132

■ 060032

■ 525632

Harmonies

Analogous

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



242B33



2A2932



2F282F

Triad

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



2A2932



322823



202D29

Complementary

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



2A2932



313229

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.



242C25



2A2932



2E2921

Square

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



2A2932



332726



292B22



1E2C2E

Rectangle

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



2A2932



32272C



292B22



212C28

Sweetspot

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



2A2932



3D3D40



293132



1F1F21



A1A1A1



212121

Same Dimension

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



2A2932



333240



2E2932



17171A



0A0059



1800D9

Inverse Universe

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



322931



40323E



2D3229



1A1719



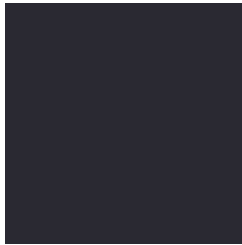
59004F



D900C1

Previews

White Background



This preview shows how the Hex color 2A2932 looks on a white background.

Color Contrast Check

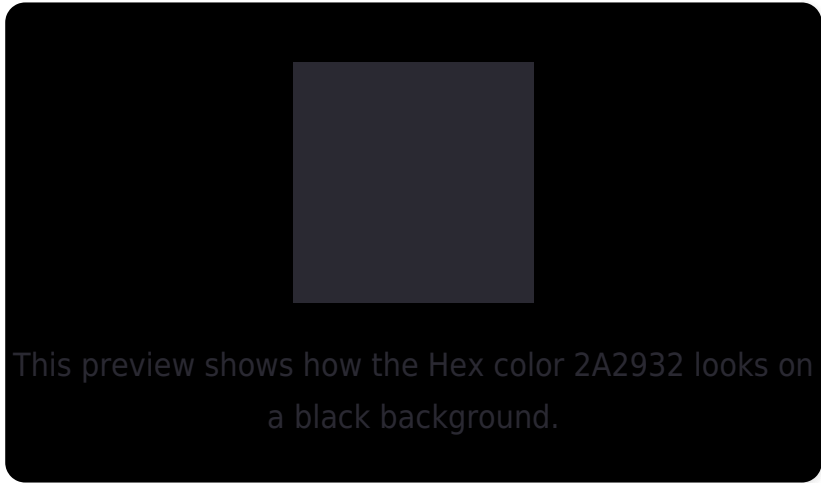
Large Text (above 18pt) WCAG AA ✓ Pass

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

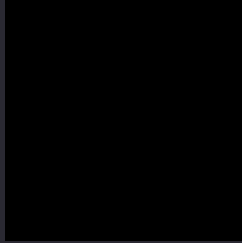
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

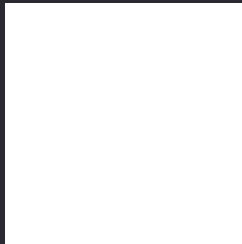
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2A2932 Background



This preview shows how black text looks on a background with the Hex color 2A2932.



This preview shows how white text looks on a background with the Hex color 2A2932.

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

2A2932

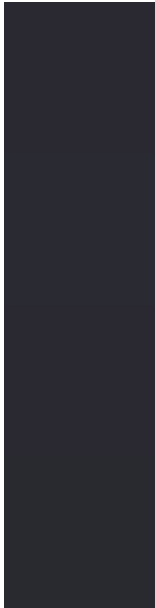
Protanopia

282A32

Deuteranopia

2A2932

Trichromacy



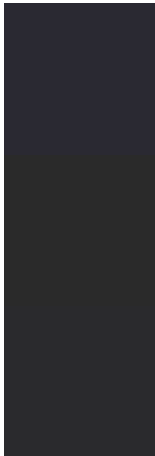
Original Color
2A2932

Protanomaly
292A32

Deuteranomaly
2A2932

Tritanomaly
292A2F

Monochromacy



Original Color
2A2932

Achromatopsia
2A2A2A

Achromatomaly
2A2A2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2932 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 #2A2932 looks like.

```
.text, #text, p{  
    color:#2A2932  
}
```

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 #2A2932 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2932
}
```

Border

The CSS property to change the border of an element to Hex 2A2932 is called "border". The border property can be set on classes, ids or directly on the HTML element.

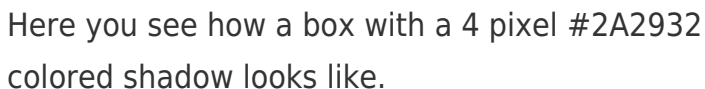
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2932 }
```

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

```
.border{ border-color:#2A2932 }
```

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



Here you see how a box with a 4 pixel #2A2932 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2932; -webkit-box-shadow:4px 4px  
4px 4px #2A2932; box-shadow:4px 4px 4px  
4px #2A2932 }
```

Background

The CSS property to change the background color of an element to Hex 2A2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2932 }
```

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

```
.background{ background-color:#2A2932 }
```

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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