

Converting Colors

Hex(2A3232)

Have a look what the booklet for
Hex(2A3232) contains.

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Color

Hex(2A3232)

Conversions

Conversions Part 1

Format	Color
Hex	2A3232
RGB	42, 50, 50
RGB Percent	16%, 20%, 20%
CMY	0.8353, 0.8039, 0.8039
CMYK	0.16, 0.00, 0.00, 0.80
HSL	180°, 9%, 18%
HSV	180°, 16%, 20%
XYZ	2.6712, 3.0037, 3.4566
YIQ	47.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

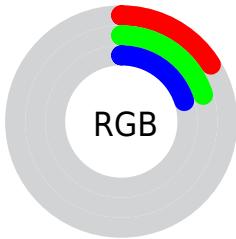
Format	Color
R_{YB}	42, 46, 50
Decimal	2765362
CIE Lab	20.06, -3.41, -1.16
CIE LCh	20, 3.600, 198.748
Yxy	3.0037, 0.2925, 0.3289
Android (android.graphics.Color)	4280955442 (0xFF2A3232)
YUV	47.6080, 1.1793, -4.9182
Hunter-Lab	17.3313, -2.8186, 0.3069

Details

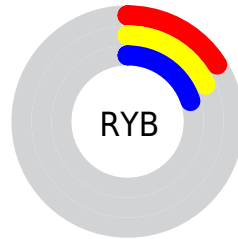
The Hex color **2A3232** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **322A2A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **576060**, and **000103** is the 20% darker color. If you saturate the color by 10%, you get **253232**, and if you desaturate by 10%, it is **2F3232**.

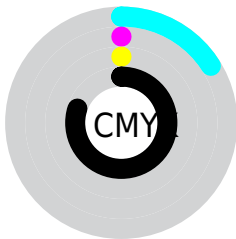
Distribution



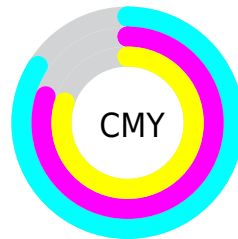
- Red (16%)
- Green (20%)
- Blue (20%)



- Red (16%)
- Yellow (18%)
- Blue (20%)



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3232 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 2A3232 by changing the saturation by 10% instead.

■ 2A3232

■ 2A3232

FFFFFF

■ 161D1D

■ 576060

■ 000103

■ 707979

■ 000000

■ 899393

■ A4ADAD

■ BFC9C8

■ DAE5E5

■ F7FFFF

■ 2A3232

■ 2A3232

■ 253232

■ 2F3232

■ 203232

■ 343232

■ 1B3232

■ 393232

■ 163232

■ 3E3232

■ 113232

■ 433232

■ 0C3232

■ 483232

■ 073232

■ 4D3232

■ 023232

■ 523232

■ 003232

■ 573232

Harmonies

Analogous

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



2B322F



2A3232



2A3234

Triad

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



2A3232



332F34



34302B

Complementary

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



2A3232



322A2A

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.



362F2D



2A3232



352F32

Square

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



2A3232



303035



362F2F



31312B

Rectangle

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



2A3232



2C3135



362F2F



34302C

Sweetspot

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



2A3232



3D4040



2A322A



1F2121



A1A1A1



212121

Same Dimension

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



2A3232



344040



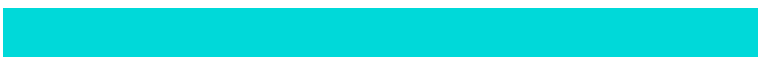
2A2E32



171A1A



005959



00D9D9

Inverse Universe

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



322A32



403440



322E2A



1A171A



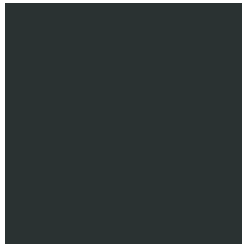
590059



D900D9

Previews

White Background



This preview shows how the Hex color 2A3232 looks on a white background.

Color Contrast Check

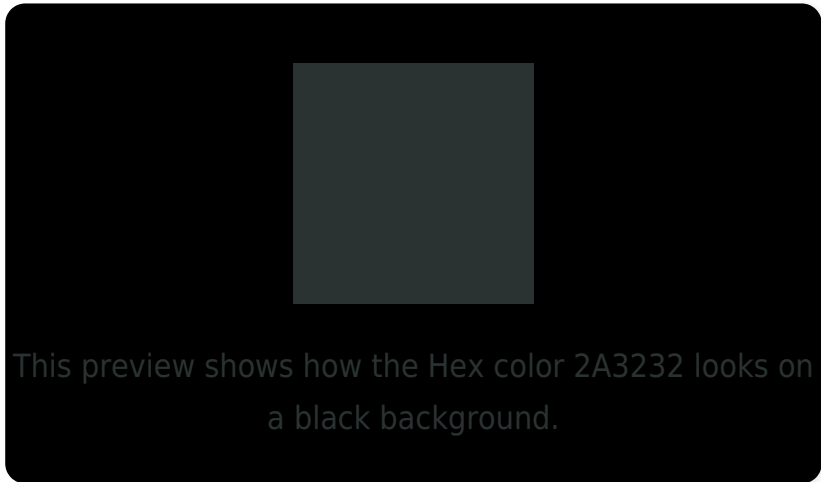
Large Text (above 18pt) WCAG AA ✓ Pass

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

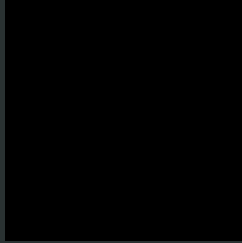
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

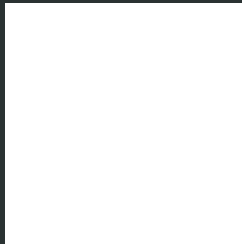
Any Text WCAG AAA × Fail

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

Hex 2A3232 Background



This preview shows how black text looks on a background with the Hex color 2A3232.

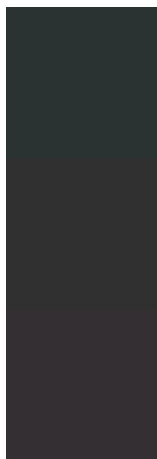


This preview shows how white text looks on a background with the Hex color 2A3232.

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

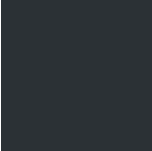
2A3232

Protanopia

313031

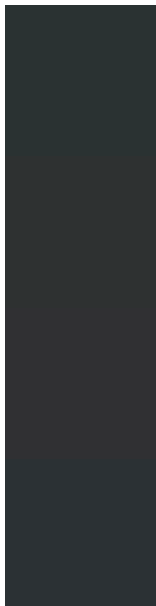
Deuteranopia

342F33



Tritanopia
2B3135

Trichromacy



Original Color

2A3232

Protanomaly

2E3131

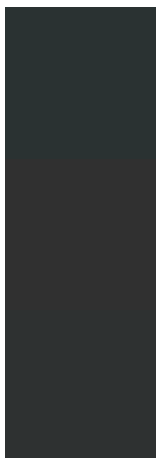
Deuteranomaly

303033

Tritanomaly

2B3134

Monochromacy



Original Color

2A3232

Achromatopsia

303030

Achromatomaly

2E3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3232 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 #2A3232 looks like.

```
.text, #text, p{  
    color:#2A3232  
}
```

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 #2A3232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3232
}
```

Border

The CSS property to change the border of an element to Hex 2A3232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

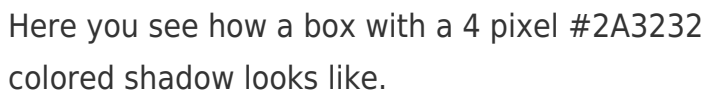
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3232 }
```

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

```
.border{ border-color:#2A3232 }
```

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



Here you see how a box with a 4 pixel #2A3232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3232; -webkit-box-shadow:4px 4px  
4px 4px #2A3232; box-shadow:4px 4px 4px  
4px #2A3232 }
```

Background

The CSS property to change the background color of an element to Hex 2A3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3232 }
```

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

```
.background{ background-color:#2A3232 }
```

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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