

Converting Colors

Hex(2A3737)

Have a look what the booklet for
Hex(2A3737) contains.

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Color

Hex(2A3737)

Conversions

Conversions Part 1

Format	Color
Hex	2A3737
RGB	42, 55, 55
RGB Percent	16%, 22%, 22%
CMY	0.8353, 0.7843, 0.7843
CMYK	0.24, 0.00, 0.00, 0.78
HSL	180°, 13%, 19%
HSV	180°, 24%, 22%
XYZ	3.0106, 3.5005, 4.1314
YIQ	51.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

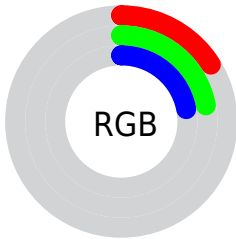
Format	Color
R_{YB}	42, 49, 55
Decimal	2766647
CIE _{Lab}	21.95, -5.36, -1.78
CIE _{LCh}	22, 5.648, 198.393
Yxy	3.5005, 0.2829, 0.3289
Android (android.graphics.Color)	4280956727 (0xFF2A3737)
YUV	51.1130, 1.9163, -7.9921
Hunter-Lab	18.7095, -4.0185, 0.0043

Details

The Hex color **2A3737** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372A2A**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **586666**, and **000B0B** is the 20% darker color. If you saturate the color by 10%, you get **253737**, and if you desaturate by 10%, it is **2F3737**.

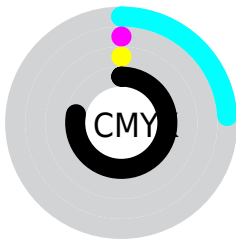
Distribution



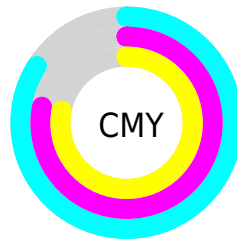
- Red (16%)
- Green (22%)
- Blue (22%)



- Red (16%)
- Yellow (19%)
- Blue (22%)



- Cyan (24%)
- Magenta (0%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3737 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 2A3737 by changing the saturation by 10% instead.

■ 2A3737

■ 2A3737

FFFFFF

■ 152222

■ 586666

■ 000B0B

■ 707F7F

■ 000000

■ 8A9999

■ A4B3B3

■ BFCFCF

■ DBEBEB

■ F8FFFF

■ 2A3737

■ 2A3737

■ 253737

■ 2F3737

■ 1F3737

■ 353737

■ 1A3737

■ 3B3737

■ 143737

■ 403737

■ 0E3737

■ 463737

■ 093737

■ 4B3737

■ 033737

■ 513737

■ 003737

■ 563737

■ 5C3737

Harmonies

Analogous

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



2C3733



2A3737



2B363B

Triad

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



2A3737



38333A



3A342C

Complementary

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



2A3737



372A2A

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.



3D322E



2A3737



3C3236

Square

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



2A3737



33343C



3E3232



35352D

Rectangle

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



2A3737



2D363C



3E3232



3B332D

Sweetspot

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



2A3737



424747



2A372A



212424



A3A3A3



242424

Same Dimension

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



2A3737



334747



2A3137



191C1C



005C5C



00DBDB

Inverse Universe

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



372A37



473347



37312A



1C191C



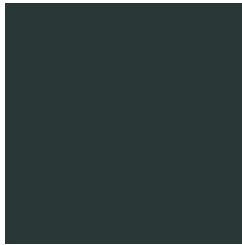
5C005C



DB00DB

Previews

White Background



This preview shows how the Hex color 2A3737 looks on a white background.

Color Contrast Check

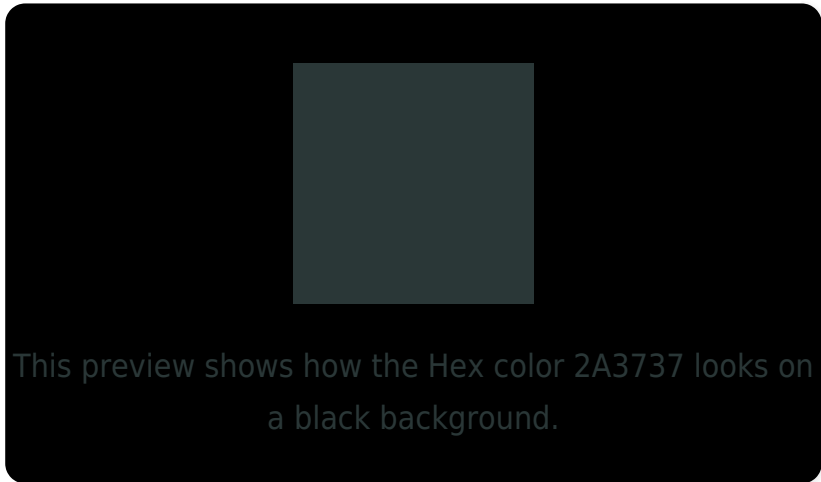
Large Text (above 18pt) WCAG AA ✓ Pass

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

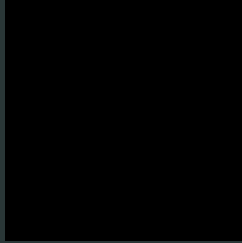
Any Text WCAG AA × Fail

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 2A3737 Background



This preview shows how black text looks on a background with the Hex color 2A3737.

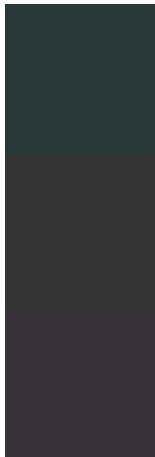


This preview shows how white text looks on a background with the Hex color 2A3737.

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
2A3737

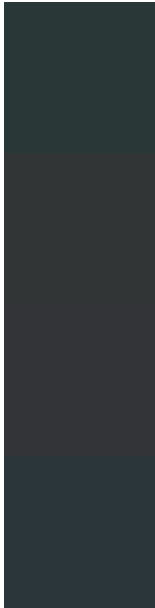
Protanopia
353435

Deuteranopia
383338



Tritanopia
2B363B

Trichromacy



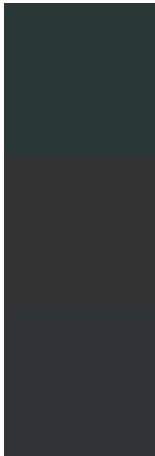
Original Color
2A3737

Protanomaly
313536

Deuteranomaly
333438

Tritanomaly
2B363A

Monochromacy



Original Color
2A3737

Achromatopsia
333333

Achromatomaly
303434

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3737 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 #2A3737 looks like.

```
.text, #text, p{  
    color:#2A3737  
}
```

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 #2A3737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3737
}
```

Border

The CSS property to change the border of an element to Hex 2A3737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

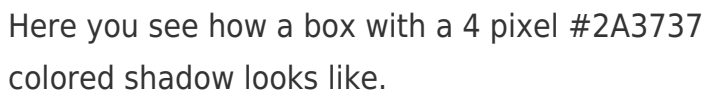
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3737 }
```

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

```
.border{ border-color:#2A3737 }
```

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



Here you see how a box with a 4 pixel #2A3737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3737; -webkit-box-shadow:4px 4px  
4px 4px #2A3737; box-shadow:4px 4px 4px  
4px #2A3737 }
```

Background

The CSS property to change the background color of an element to Hex 2A3737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3737 }
```

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

```
.background{ background-color:#2A3737 }
```

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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