

Converting Colors

Hex(2A3333)

Have a look what the booklet for
Hex(2A3333) contains.

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Color

Hex(2A3333)

Conversions

Conversions Part 1

Format	Color
Hex	2A3333
RGB	42, 51, 51
RGB Percent	16%, 20%, 20%
CMY	0.8353, 0.8000, 0.8000
CMYK	0.18, 0.00, 0.00, 0.80
HSL	180°, 10%, 18%
HSV	180°, 18%, 20%
XYZ	2.7362, 3.0989, 3.5859
YIQ	48.3090, -5.3640, -1.9080

Conversions

Conversions Part 2

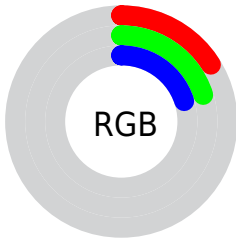
Format	Color
RYB	42, 47, 51
Decimal	2765619
CIELab	20.44, -3.81, -1.29
CIELCh	20, 4.022, 198.669
Yxy	3.0989, 0.2904, 0.3289
Android (android.graphics.Color)	4280955699 (0xFF2A3333)
YUV	48.3090, 1.3267, -5.5330
Hunter-Lab	17.6037, -3.0616, 0.2451

Details

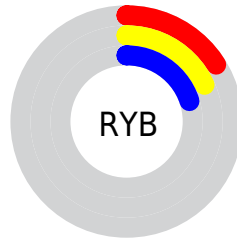
The Hex color **2A3333** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **332A2A**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **576161**, and **000305** is the 20% darker color. If you saturate the color by 10%, you get **253333**, and if you desaturate by 10%, it is **2F3333**.

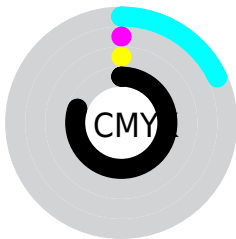
Distribution



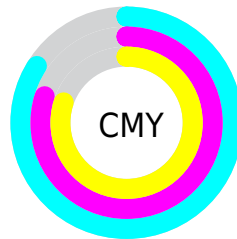
- Red (16%)
- Green (20%)
- Blue (20%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3333 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 2A3333 by changing the saturation by 10% instead.

■ 2A3333

■ 2A3333

FFFFFF

■ 151E1E

■ 576161

■ 000305

■ 707A7A

■ 000000

■ 899494

■ A4AEAE

■ BFCACA

■ DBE6E6

■ F7FFFF

■ 2A3333

■ 2A3333

■ 253333

■ 2F3333

■ 203333

■ 343333

■ 1B3333

■ 393333

■ 163333

■ 3E3333

■ 103333

■ 443333

■ 0B3333

■ 493333

■ 063333

■ 4E3333

■ 013333

■ 533333

■ 003333

■ 583333

Harmonies

Analogous

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



2B3330



2A3333



2B3336

Triad

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



2A3333



343035



35312C

Complementary

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



2A3333



332A2A

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.



37302D



2A3333



372F32

Square

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



2A3333



303137



382F2F



32322C

Rectangle

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



2A3333



2C3237



382F2F



36302C

Sweetspot

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



2A3333



3F4242



2A332A



1F2121



A1A1A1



212121

Same Dimension

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



2A3333



344242



2A2F33



171A1A



005959



00D9D9

Inverse Universe

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



332A33



423442



332F2A



1A171A



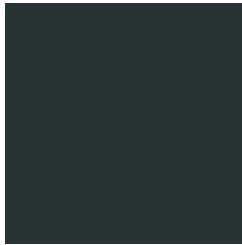
590059



D900D9

Previews

White Background



This preview shows how the Hex color 2A3333 looks on a white background.

Color Contrast Check

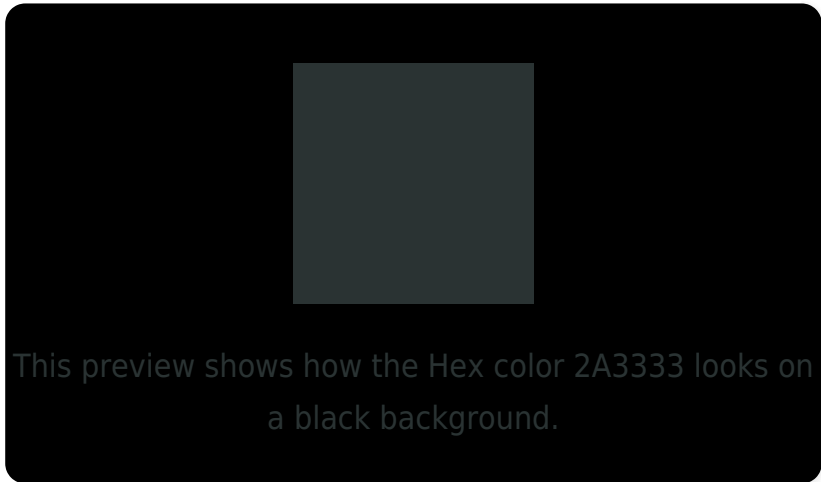
Large Text (above 18pt) WCAG AA ✓ Pass

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

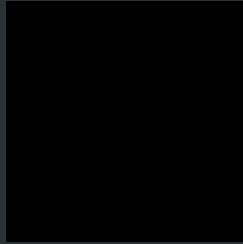
Any Text WCAG AA × Fail

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 2A3333 Background



This preview shows how black text looks on a background with the Hex color 2A3333.

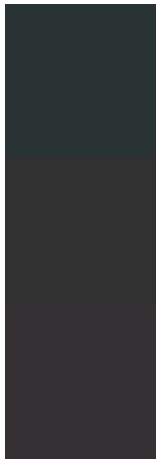


This preview shows how white text looks on a background with the Hex color 2A3333.

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
2A3333

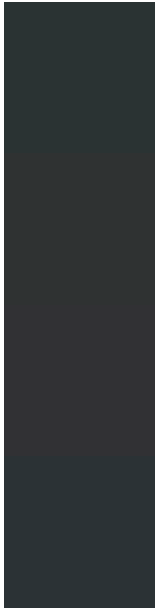
Protanopia
323132

Deuteranopia
353034



Tritanopia
2B3236

Trichromacy



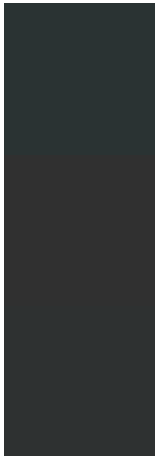
Original Color
2A3333

Protanomaly
2F3232

Deuteranomaly
313134

Tritanomaly
2B3235

Monochromacy



Original Color
2A3333

Achromatopsia
303030

Achromatomaly
2E3131

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3333 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 #2A3333 looks like.

```
.text, #text, p{  
    color:#2A3333  
}
```

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 #2A3333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3333
}
```

Border

The CSS property to change the border of an element to Hex 2A3333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

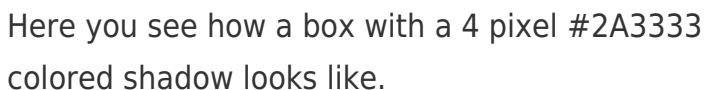
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3333 }
```

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

```
.border{ border-color:#2A3333 }
```

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



Here you see how a box with a 4 pixel #2A3333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3333; -webkit-box-shadow:4px 4px  
4px 4px #2A3333; box-shadow:4px 4px 4px  
4px #2A3333 }
```

Background

The CSS property to change the background color of an element to Hex 2A3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3333 }
```

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

```
.background{ background-color:#2A3333 }
```

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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