

Converting Colors

Hex(2A3632)

Have a look what the booklet for
Hex(2A3632) contains.

Hex(2A3632)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A3632)

Conversions

Conversions Part 1

Format	Color
Hex	2A3632
RGB	42, 54, 50
RGB Percent	16%, 21%, 20%
CMY	0.8353, 0.7882, 0.8039
CMYK	0.22, 0.00, 0.07, 0.79
HSL	160°, 12%, 19%
HSV	160°, 22%, 21%
XYZ	2.8497, 3.3609, 3.5161
YIQ	49.9560, -5.8680, -3.7880

Conversions

Conversions Part 2

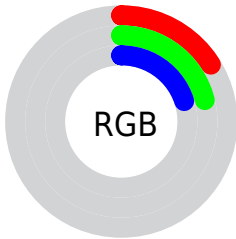
Format	Color
RYB	42, 49, 54
Decimal	2766386
CIELab	21.43, -6.03, 0.85
CIELCh	21, 6.086, 171.937
Yxy	3.3609, 0.2930, 0.3455
Android (android.graphics.Color)	4280956466 (0xFF2A3632)
YUV	49.9560, 0.0217, -6.9774
Hunter-Lab	18.3327, -4.3351, 1.4613

Details

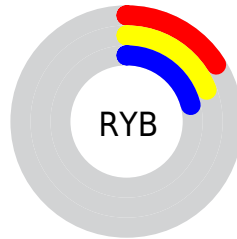
The Hex color **2A3632** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **362A2E**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **576560**, and **000A03** is the 20% darker color. If you saturate the color by 10%, you get **253630**, and if you desaturate by 10%, it is **2F3634**.

Distribution



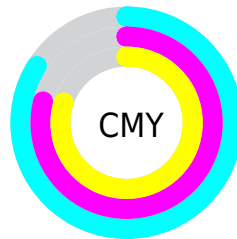
- Red (16%)
- Green (21%)
- Blue (20%)



- Red (16%)
- Yellow (19%)
- Blue (21%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (79%)



- Cyan (84%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A3632 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 2A3632 by changing the saturation by 10% instead.

■ 2A3632

■ 2A3632

FFFFFF

■ 15211D

■ 576560

■ 000A03

■ 707E79

■ 000000

■ 899893

■ A4B2AD

■ BFCEC9

■ DBEAE5

■ F7FFFF

■ 2A3632

■ 2A3632

■ 253630

■ 2F3634

■ 1F362E

■ 353636

■ 1A362D

■ 3A3637

■ 14362B

■ 403639

■ 0F3629

■ 45363B

■ 0A3627

■ 4A363D

■ 043625

■ 50363F

■ 003624

■ 553640

■ 5B3642

Harmonies

Analogous

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



2E352E



2A3632



283637

Triad

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



2A3632



33333C



3C312D

Complementary

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



2A3632



362A2E

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.



3D3030



2A3632



383139

Square

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



2A3632



2D343C



3C3035



38332B

Rectangle

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



2A3632



283639



3C3035



3C312E

Sweetspot

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



2A3632



424746



2E362A



212423



A3A3A3



242424

Same Dimension

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



2A3632



344741



2A3436



191C1B



005C3D



00DB92

Inverse Universe

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



362A2E



47343B



362C2A



1C191A



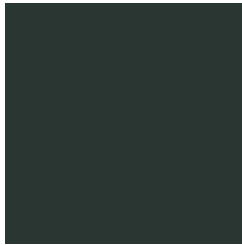
5C001F



DB0049

Previews

White Background



This preview shows how the Hex color 2A3632 looks on a white background.

Color Contrast Check

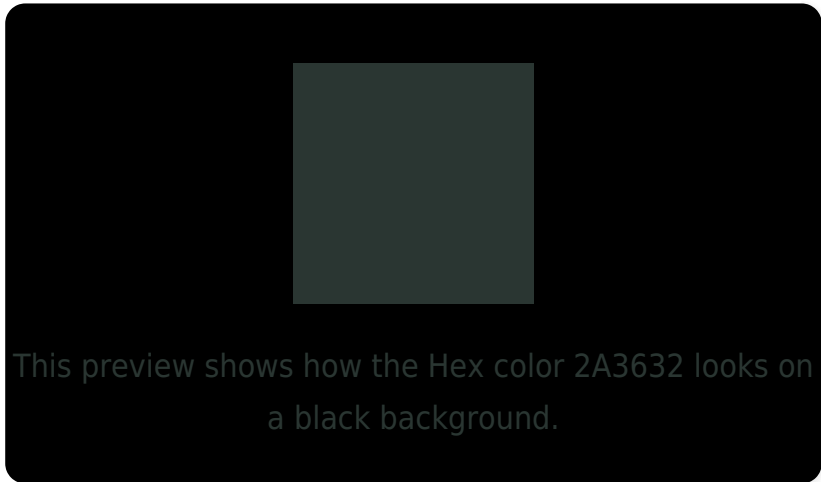
Large Text (above 18pt) WCAG AA ✓ Pass

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

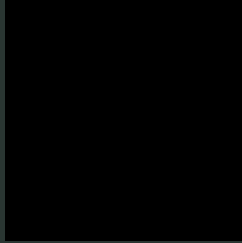
Any Text WCAG AA × Fail

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 2A3632 Background



This preview shows how black text looks on a background with the Hex color 2A3632.

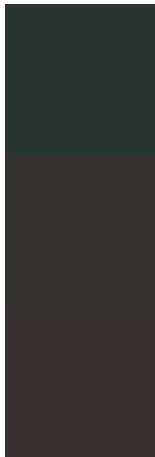


This preview shows how white text looks on a background with the Hex color 2A3632.

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](#).

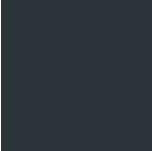
Dichromacy



Original Color
2A3632

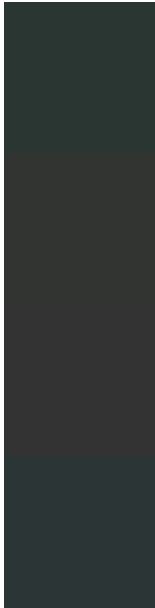
Protanopia
353330

Deuteranopia
383233



Tritanopia
2B3539

Trichromacy



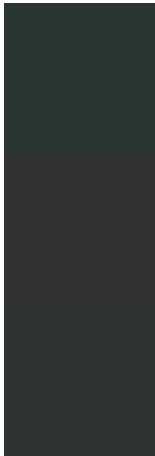
Original Color
2A3632

Protanomaly
313431

Deuteranomaly
333333

Tritanomaly
2B3536

Monochromacy



Original Color
2A3632

Achromatopsia
323232

Achromatomaly
2F3332

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A3632 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 #2A3632 looks like.

```
.text, #text, p{  
  color:#2A3632  
}
```

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 #2A3632 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A3632
}
```

Border

The CSS property to change the border of an element to Hex 2A3632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

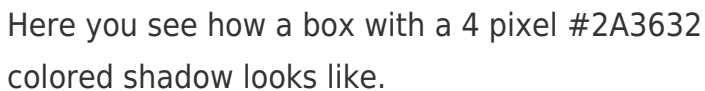
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A3632 }
```

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

```
.border{ border-color:#2A3632 }
```

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



Here you see how a box with a 4 pixel #2A3632 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A3632; -webkit-box-shadow:4px 4px  
4px 4px #2A3632; box-shadow:4px 4px 4px  
4px #2A3632 }
```

Background

The CSS property to change the background color of an element to Hex 2A3632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A3632 }
```

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

```
.background{ background-color:#2A3632 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor