

Converting Colors

Hex(2B3A30)

Have a look what the booklet for
Hex(2B3A30) contains.

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Color

Hex(2B3A30)

Conversions

Conversions Part 1

Format	Color
Hex	2B3A30
RGB	43, 58, 48
RGB Percent	17%, 23%, 19%
CMY	0.8314, 0.7725, 0.8118
CMYK	0.26, 0.00, 0.17, 0.77
HSL	140°, 15%, 20%
HSV	140°, 26%, 23%
XYZ	3.0428, 3.7531, 3.3604
YIQ	52.3750, -5.7300, -6.2900

Conversions

Conversions Part 2

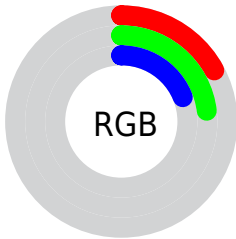
Format	Color
R_YB	43, 54, 58
Decimal	2832944
CIE Lab	22.84, -8.64, 4.23
CIE LCh	23, 9.620, 153.932
Yxy	3.7531, 0.2996, 0.3695
Android (android.graphics.Color)	4281023024 (0xFF2B3A30)
YUV	52.3750, -2.1569, -8.2219
Hunter-Lab	19.3729, -5.8664, 3.2768

Details

The Hex color **2B3A30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3A2B35**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **59695E**, and **001000** is the 20% darker color. If you saturate the color by 10%, you get **253A2C**, and if you desaturate by 10%, it is **313A34**.

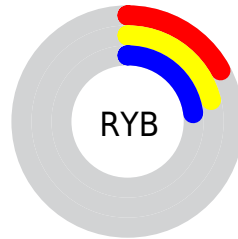
Distribution



Red (17%)

Green (23%)

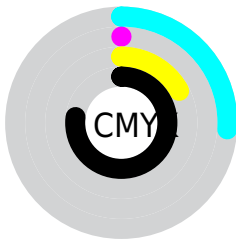
Blue (19%)



Red (17%)

Yellow (21%)

Blue (23%)

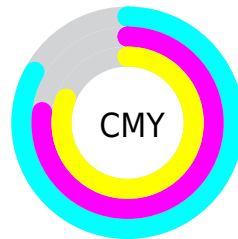


Cyan (26%)

Magenta (0%)

Yellow (17%)

Black (77%)



Cyan (83%)

Magenta (77%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3A30 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 2B3A30 by changing the saturation by 10% instead.

■ 2B3A30

■ 2B3A30

FFFFFF

■ 16241B

■ 59695E

■ 001000

■ 718277

■ 000000

■ 8B9C90

■ A5B7AB

■ C0D3C6

■ DCEFE2

■ F9FFFF

■ 2B3A30

■ 2B3A30

■ 253A2C

■ 313A34

■ 1F3A28

■ 373A38

■ 1A3A24

■ 3C3A3C

■ 143A21

■ 423A3F

■ 0E3A1D

■ 483A43

■ 083A19

■ 4E3A47

■ 023A15

■ 543A4B

■ 003A13

■ 593A4F

■ 5F3A53

Harmonies

Analogous

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



33382B



2B3A30



253B37

Triad

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



2B3A30



2F3745



45322F

Complementary

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



2B3A30



3A2B35

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.



453136



2B3A30



393442

Square

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



2B3A30



273943



41323D



41342A

Rectangle

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



2B3A30



233A3C



41323D



453231

Sweetspot

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



2B3A30



464D48



353A2B



222624



A6A6A6



262626

Same Dimension

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



2B3A30



354D3D



2B3A37



191C1A



005C1F



00DB49

Inverse Universe

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



3A2B35



4D3545



3A2B2E



1C191B



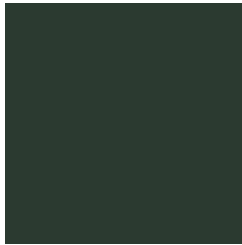
5C003D



DB0092

Previews

White Background



This preview shows how the Hex color 2B3A30 looks on a white background.

Color Contrast Check

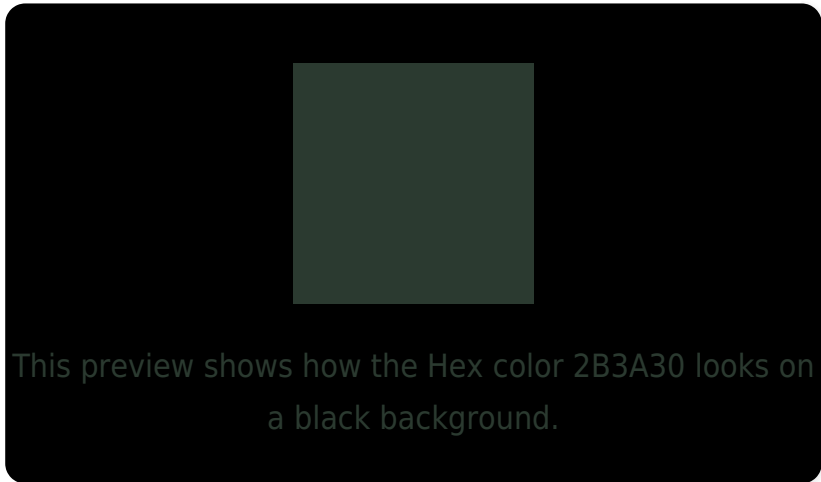
Large Text (above 18pt) WCAG AA ✓ Pass

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

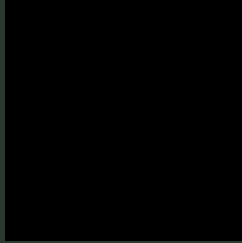
Any Text WCAG AA × Fail

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 2B3A30 Background



This preview shows how black text looks on a background with the Hex color 2B3A30.



This preview shows how white text looks on a background with the Hex color 2B3A30.

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
2B3A30

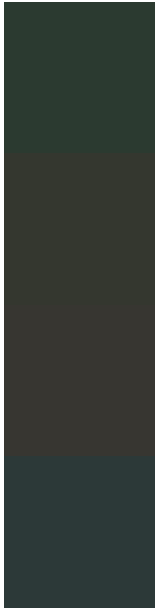
Protanopia
39362E

Deuteranopia
3E3431



Tritanopia
2D383D

Trichromacy



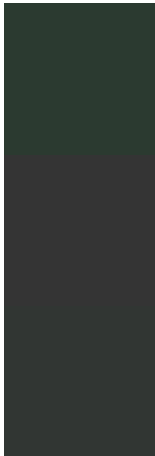
Original Color
2B3A30

Protanomaly
34372F

Deuteranomaly
373631

Tritanomaly
2C3938

Monochromacy



Original Color
2B3A30

Achromatopsia
343434

Achromatomaly
313633

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3A30 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 #2B3A30 looks like.

```
.text, #text, p{  
    color:#2B3A30  
}
```

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 #2B3A30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3A30
}
```

Border

The CSS property to change the border of an element to Hex 2B3A30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

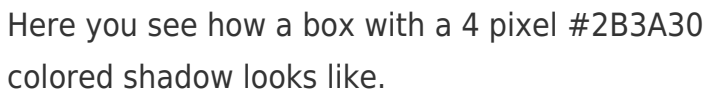
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2B3A30 }
```

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

```
.border{ border-color:#2B3A30 }
```

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



Here you see how a box with a 4 pixel #2B3A30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3A30; -webkit-box-shadow:4px 4px  
4px 4px #2B3A30; box-shadow:4px 4px 4px  
4px #2B3A30 }
```

Background

The CSS property to change the background color of an element to Hex 2B3A30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3A30 }
```

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

```
.background{ background-color:#2B3A30 }
```

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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