

Converting Colors

Hex(2C3430)

Have a look what the booklet for
Hex(2C3430) contains.

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Color

Hex(2C3430)

Conversions

Conversions Part 1

Format	Color
Hex	2C3430
RGB	44, 52, 48
RGB Percent	17%, 20%, 19%
CMY	0.8275, 0.7961, 0.8118
CMYK	0.15, 0.00, 0.08, 0.80
HSL	150°, 8%, 19%
HSV	150°, 15%, 20%
XYZ	2.8002, 3.2049, 3.2673
YIQ	49.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

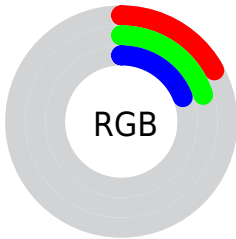
Format	Color
RYB	44, 49, 52
Decimal	2896944
CIELab	20.85, -4.39, 1.38
CIELCh	21, 4.606, 162.587
Yxy	3.2049, 0.3020, 0.3456
Android (android.graphics.Color)	4281087024 (0xFF2C3430)
YUV	49.1520, -0.5679, -4.5183
Hunter-Lab	17.9021, -3.4082, 1.7104

Details

The Hex color **2C3430** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **342C30**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **5A625E**, and **000600** is the 20% darker color. If you saturate the color by 10%, you get **27342D**, and if you desaturate by 10%, it is **313433**.

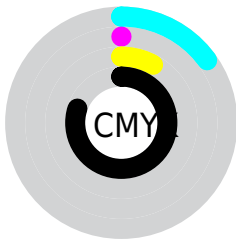
Distribution



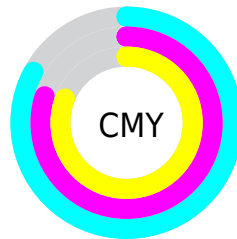
- Red (17%)
- Green (20%)
- Blue (19%)



- Red (17%)
- Yellow (19%)
- Blue (20%)



- Cyan (15%)
- Magenta (0%)
- Yellow (8%)
- Black (80%)



- Cyan (83%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3430 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 2C3430 by changing the saturation by 10% instead.

■ 2C3430

■ 2C3430

FFFFFF

■ 171F1B

■ 5A625E

■ 000600

■ 727B77

■ 000000

■ 8C9590

■ A6B0AB

■ C1CBC6

■ DDE7E2

■ FAFFFF

■ 2C3430

■ 2C3430

■ 27342D

■ 313433

■ 22342B

■ 363435

■ 1C3428

■ 3C3438

■ 173426

■ 41343A

■ 123423

■ 46343D

■ 0D3420

■ 4B3440

■ 08341E

■ 503442

■ 02341B

■ 563445

■ 00341A

■ 5B3447

Harmonies

Analogous

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



30332D



2C3430



2A3433

Triad

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



2C3430



303239



39302E

Complementary

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



2C3430



342C30

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.



393031



2C3430



353137

Square

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



2C3430



2C3338



383034



37312C

Rectangle

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



2C3430



2A3436



383034



39302F

Sweetspot

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



2C3430



414543



30342C



222423



A3A3A3



242424

Same Dimension

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



2C3430



38453F



2C3434



171A18



00592D



00D96C

Inverse Universe

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



342C30



45383F



342C2C



1A1718



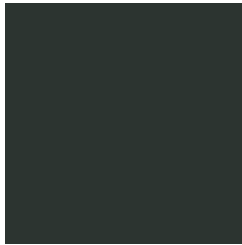
59002D



D9006C

Previews

White Background



This preview shows how the Hex color 2C3430 looks on a white background.

Color Contrast Check

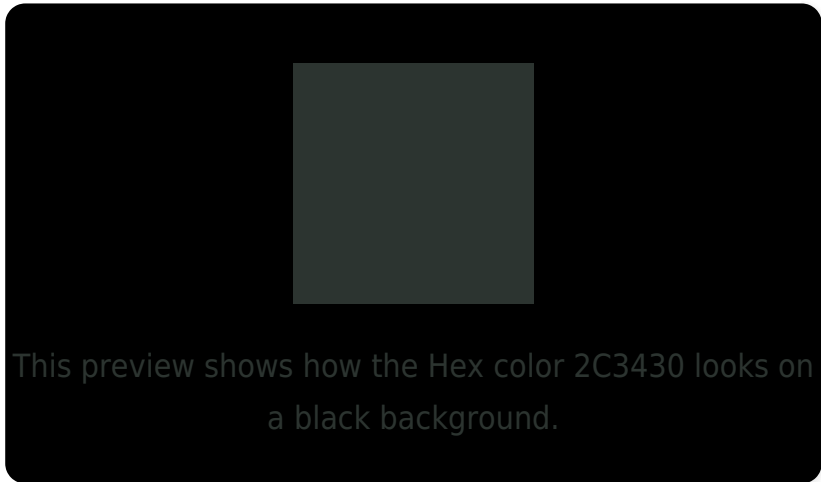
Large Text (above 18pt) WCAG AA ✓ Pass

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

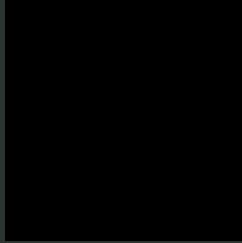
Any Text WCAG AA × Fail

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 2C3430 Background



This preview shows how black text looks on a background with the Hex color 2C3430.

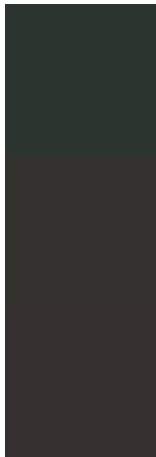


This preview shows how white text looks on a background with the Hex color 2C3430.

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](#).

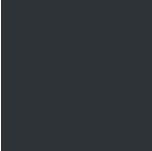
Dichromacy



Original Color
2C3430

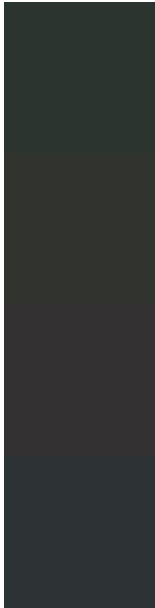
Protanopia
34322F

Deuteranopia
373031



Tritanopia
2D3337

Trichromacy



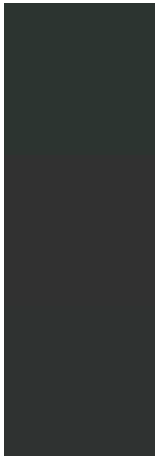
Original Color
2C3430

Protanomaly
31332F

Deuteranomaly
333131

Tritanomaly
2D3334

Monochromacy



Original Color
2C3430

Achromatopsia
313131

Achromatomaly
2F3231

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3430 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 #2C3430 looks like.

```
.text, #text, p{  
  color:#2C3430  
}
```

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 #2C3430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3430
}
```

Border

The CSS property to change the border of an element to Hex 2C3430 is called "border". The border property can be set on classes, ids or directly on the HTML element.

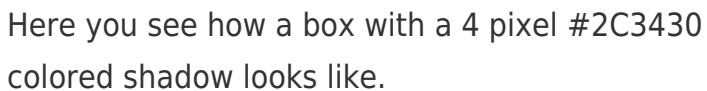
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C3430 }
```

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

```
.border{ border-color:#2C3430 }
```

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



Here you see how a box with a 4 pixel #2C3430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3430; -webkit-box-shadow:4px 4px  
4px 4px #2C3430; box-shadow:4px 4px 4px  
4px #2C3430 }
```

Background

The CSS property to change the background color of an element to Hex 2C3430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3430 }
```

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

```
.background{ background-color:#2C3430 }
```

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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