

Converting Colors

Hex(2C3D18)

Have a look what the booklet for
Hex(2C3D18) contains.

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Color

Hex(2C3D18)

Conversions

Conversions Part 1

Format	Color
Hex	2C3D18
RGB	44, 61, 24
RGB Percent	17%, 24%, 9%
CMY	0.8275, 0.7608, 0.9059
CMYK	0.28, 0.00, 0.61, 0.76
HSL	88°, 44%, 17%
HSV	88°, 61%, 24%
XYZ	2.8723, 3.9389, 1.4731
YIQ	51.6990, 1.7450, -15.1110

Conversions

Conversions Part 2

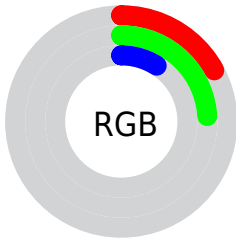
Format	Color
RYB	24, 61, 41
Decimal	2899224
CIELab	23.47, -14.38, 20.39
CIElCh	23, 24.955, 125.193
Yxy	3.9389, 0.3467, 0.4755
Android (android.graphics.Color)	4281089304 (0xFF2C3D18)
YUV	51.6990, -13.6556, -6.7520
Hunter-Lab	19.8467, -8.8982, 9.4921

Details

The Hex color **2C3D18** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **29183D**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **5B6D44**, and **001400** is the 20% darker color. If you saturate the color by 10%, you get **293D12**, and if you desaturate by 10%, it is **2F3D1E**.

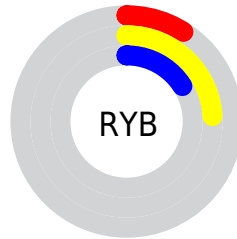
Distribution



Red (17%)

Green (24%)

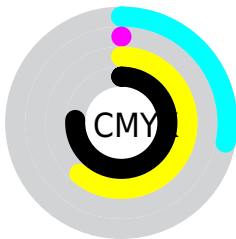
Blue (9%)



Red (9%)

Yellow (24%)

Blue (16%)

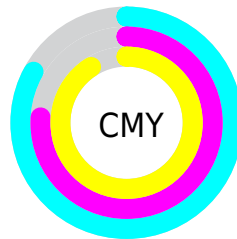


Cyan (28%)

Magenta (0%)

Yellow (61%)

Black (76%)



Cyan (83%)

Magenta (76%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C3D18 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 2C3D18 by changing the saturation by 10% instead.

 2C3D18

 2C3D18


FFFFFFD

 182700

 5B6D44

 001400

 74865C

 000000

 8EA075

 A8BB8F

 C4D7A9

 E0F3C5

 FCFE1

 2C3D18

 2C3D18

■ 293D12

■ 2F3D1E

■ 263D0C

■ 323D24

■ 243D06

■ 343D2A

■ 213D00

■ 373D30

■ 3A3D37

■ 3D3D3D

■ 403D43

■ 423D49

■ 453D4F

Harmonies

Analogous

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



403811



2C3D18



114028

Triad

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



2C3D18



003E59



5A2835

Complementary

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



2C3D18



29183D

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.



512B48



2C3D18



1B395D

Square

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



2C3D18



00414D



3D3256



592B23

Rectangle

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



2C3D18



004134



3D3256



58283C

Sweetspot

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



2C3D18



494F41



3D2918



252920



A8A8A8



292929

Same Dimension

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



2C3D18



354F15



1A3D18



1D1F1C



335E00



78DE00

Inverse Universe

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



29183D



30154F



3B183D



1D1C1F



2B005E



6600DE

Previews

White Background



This preview shows how the Hex color 2C3D18 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

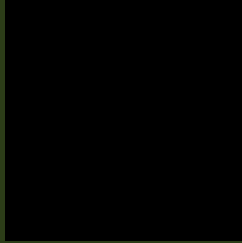
Any Text WCAG AA × Fail

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 2C3D18 Background



This preview shows how black text looks on a background with the Hex color 2C3D18.



This preview shows how white text looks on a background with the Hex color 2C3D18.

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](#).

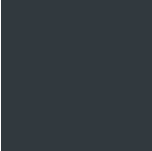
Dichromacy



Original Color
2C3D18

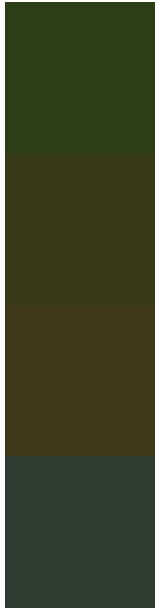
Protanopia
3E3817

Deuteranopia
45351A



Tritanopia
31393E

Trichromacy



Original Color
2C3D18

Protanomaly
373A17

Deuteranomaly
3C3819

Tritanomaly
2F3A30

Monochromacy



Original Color
2C3D18

Achromatopsia
343434

Achromatomaly
31372A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C3D18 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 #2C3D18 looks like.

```
.text, #text, p{  
    color:#2C3D18  
}
```

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 #2C3D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3D18  
}
```

Border

The CSS property to change the border of an element to Hex 2C3D18 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".

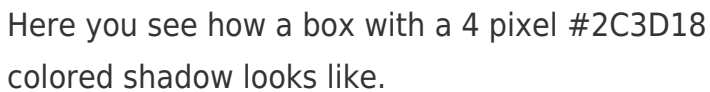
```
.border, #border, table{ border:4px solid  
#2C3D18 }
```

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

```
.border{ border-color:#2C3D18 }
```

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

Here you see how a box with a 4 pixel #2C3D18 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3D18; -webkit-box-shadow:4px 4px  
4px 4px #2C3D18; box-shadow:4px 4px 4px  
4px #2C3D18 }
```

Background

The CSS property to change the background color of an element to Hex 2C3D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3D18 }
```

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

```
.background{ background-color:#2C3D18 }
```

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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