

Converting Colors

Hex(2C4245)

Have a look what the booklet for
Hex(2C4245) contains.

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Color

Hex(2C4245)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2C4245 |
| RGB | 44, 66, 69 |
| RGB Percent | 17%, 26%, 27% |
| CMY | 0.8275, 0.7412, 0.7294 |
| CMYK | 0.36, 0.04, 0.00, 0.73 |
| HSL | 187°, 22%, 22% |
| HSV | 187°, 36%, 27% |
| XYZ | 4.0611, 4.8616, 6.3546 |
| YIQ | 59.7640, -14.0750, -3.7310 |

Conversions

Conversions Part 2

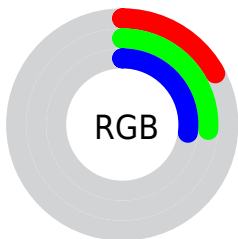
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 44, 56, 69 |
| Decimal | 2900549 |
| CIE Lab | 26.34, -7.69, -4.58 |
| CIE LCh | 26, 8.950, 210.807 |
| Yxy | 4.8616, 0.2658, 0.3182 |
| Android (android.graphics.Color) | 4281090629 (0xFF2C4245) |
| YUV | 59.7640, 4.5533, -13.8250 |
| Hunter-Lab | 22.0490, -5.7086, -1.6532 |

Details

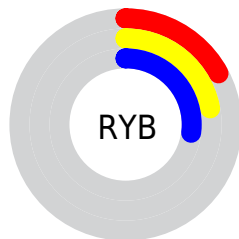
The Hex color **2C4245** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **452F2C**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **5B7275**, and **00181A** is the 20% darker color. If you saturate the color by 10%, you get **254145**, and if you desaturate by 10%, it is **334345**.

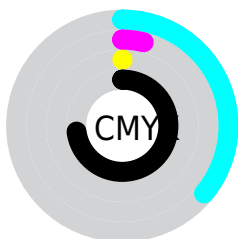
Distribution



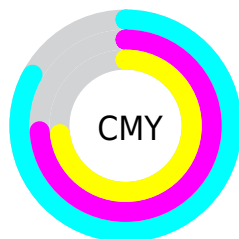
- Red (17%)
- Green (26%)
- Blue (27%)



- Red (17%)
- Yellow (22%)
- Blue (27%)



- Cyan (36%)
- Magenta (4%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (74%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4245 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 2C4245 by changing the saturation by 10% instead.

■ 2C4245

■ 2C4245

FFFFFF

■ 162C2F

■ 5B7275

■ 00181A

■ 748B8F

■ 000000

■ 8DA6A9

■ A8C1C4

■ C3DDE0

■ DFF9FD

■ FCFFFF

■ 2C4245

■ 2C4245

■ 254145

■ 334345

■ 1E4045

■ 3A4445

■ 174045

■ 414445

■ 103F45

■ 484545

■ 0A3E45

■ 4F4645

■ 033D45

■ 554745

■ 003D45

■ 5C4845

■ 634945

■ 6A4945

Harmonies

Analogous

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



2E423E



2C4245



2F414A

Triad

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



2C4245



473B45



433E31

Complementary

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



2C4245



452F2C

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.



493C33



2C4245



4C3A3E

Square

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



2C4245



403D4A



4C3A38



3C4033

Rectangle

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



2C4245



34404C



4C3A38



463D31

Sweetspot

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



2C4245



4F5859



2C452F



282D2E



ADADAD



2E2E2E

Same Dimension

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



2C4245



335559



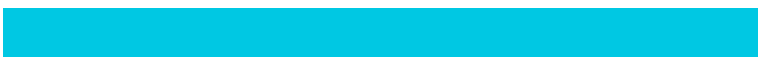
2C3645



202324



005863



00C8E3

Inverse Universe

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



452C42



593355



453B2C



242023



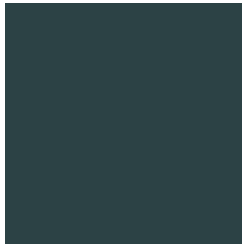
630058



E300C8

Previews

White Background



This preview shows how the Hex color 2C4245 looks on a white background.

Color Contrast Check

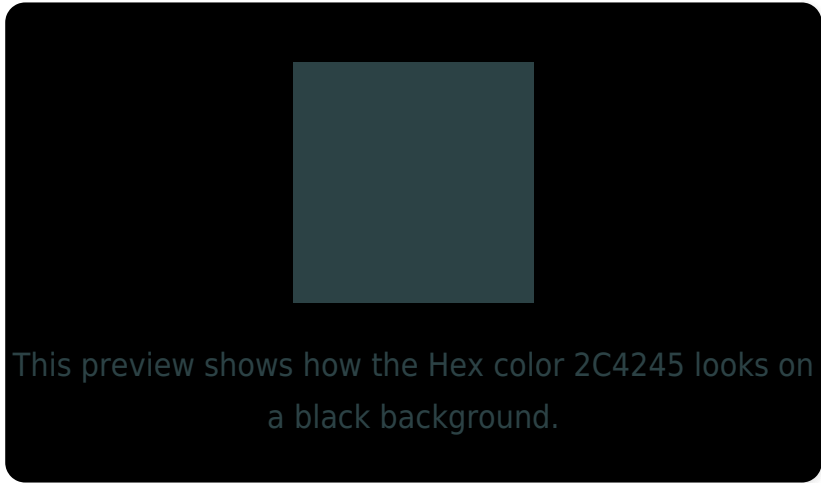
Large Text (above 18pt) WCAG AA ✓ Pass

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

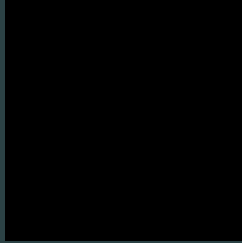
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

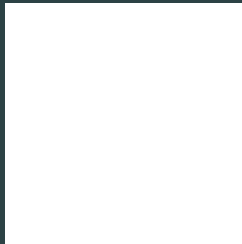
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2C4245 Background



This preview shows how black text looks on a background with the Hex color 2C4245.



This preview shows how white text looks on a background with the Hex color 2C4245.

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
2C4245

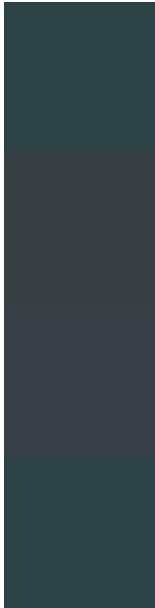
Protanopia
3E3E42

Deuteranopia
403D46



Tritanopia
2D4247

Trichromacy



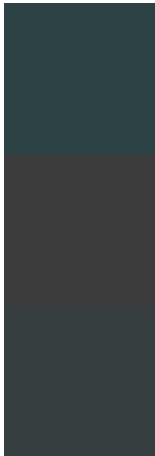
Original Color
2C4245

Protanomaly
373F43

Deuteranomaly
393F46

Tritanomaly
2D4246

Monochromacy



Original Color
2C4245

Achromatopsia
3C3C3C

Achromatomaly
363E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4245 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 #2C4245 looks like.

```
.text, #text, p{  
    color:#2C4245  
}
```

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 #2C4245 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4245
}
```

Border

The CSS property to change the border of an element to Hex 2C4245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

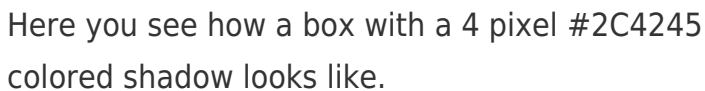
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2C4245 }
```

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

```
.border{ border-color:#2C4245 }
```

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



Here you see how a box with a 4 pixel #2C4245 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4245; -webkit-box-shadow:4px 4px  
4px 4px #2C4245; box-shadow:4px 4px 4px  
4px #2C4245 }
```

Background

The CSS property to change the background color of an element to Hex 2C4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4245 }
```

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

```
.background{ background-color:#2C4245 }
```

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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