

Converting Colors

Hex(2C4446)

Have a look what the booklet for
Hex(2C4446) contains.

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Color

Hex(2C4446)

Conversions

Conversions Part 1

Format	Color
Hex	2C4446
RGB	44, 68, 70
RGB Percent	17%, 27%, 27%
CMY	0.8275, 0.7333, 0.7255
CMYK	0.37, 0.03, 0.00, 0.73
HSL	185°, 23%, 22%
HSV	185°, 37%, 27%
XYZ	4.2113, 5.1119, 6.5591
YIQ	61.0520, -14.9460, -4.4660

Conversions

Conversions Part 2

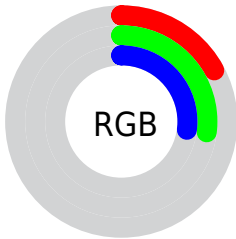
Format	Color
RYB	44, 56, 70
Decimal	2901062
CIELab	27.05, -8.64, -4.18
CIElCh	27, 9.594, 205.798
Yxy	5.1119, 0.2652, 0.3219
Android (android.graphics.Color)	4281091142 (0xFF2C4446)
YUV	61.0520, 4.4114, -14.9546
Hunter-Lab	22.6095, -6.3188, -1.3735

Details

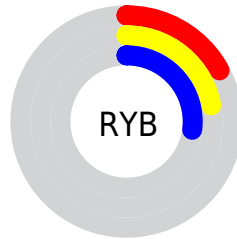
The Hex color **2C4446** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **462E2C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **5B7476**, and **00191B** is the 20% darker color. If you saturate the color by 10%, you get **254346**, and if you desaturate by 10%, it is **334546**.

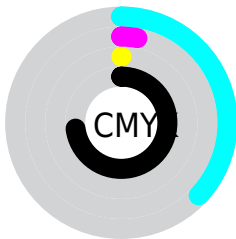
Distribution



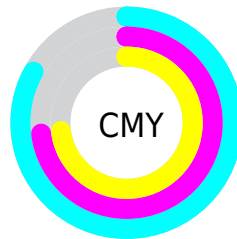
- Red (17%)
- Green (27%)
- Blue (27%)



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



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4446 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 2C4446 by changing the saturation by 10% instead.

■ 2C4446

■ 2C4446

FFFFFF

■ 162E30

■ 5B7476

■ 00191B

■ 748E90

■ 000000

■ 8EA8AA

■ A8C3C6

■ C4DFE2

■ E0FCFE

■ FDFFFF

■ 2C4446

■ 2C4446

■ 254346

■ 334546

■ 1E4346

■ 3A4546

■ 174246

■ 414646

■ 104246

■ 484646

■ 094146

■ 4F4746

■ 024146

■ 564746

■ 004146

■ 5D4846

■ 644846

■ 6B4946

Harmonies

Analogous

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



2F443F



2C4446



2F434C

Triad

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



2C4446



483C48



473F31

Complementary

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



2C4446



462E2C

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.



4C3D34



2C4446



4E3B41

Square

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



2C4446



403E4D



4F3B3A



3F4133

Rectangle

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



2C4446



33424E



4F3B3A



493E32

Sweetspot

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



2C4446



525B5C



2C462E



282D2E



ADADAD



2E2E2E

Same Dimension

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



2C4446



32595C



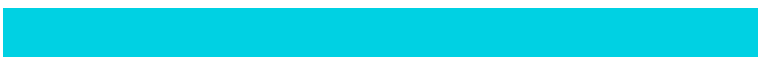
2C3746



202324



005C63



00D1E3

Inverse Universe

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



462C44



5C3259



463B2C



242023



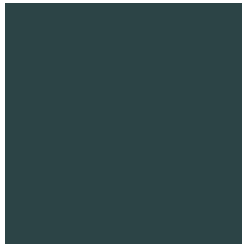
63005C



E300D1

Previews

White Background



This preview shows how the Hex color 2C4446 looks on a white background.

Color Contrast Check

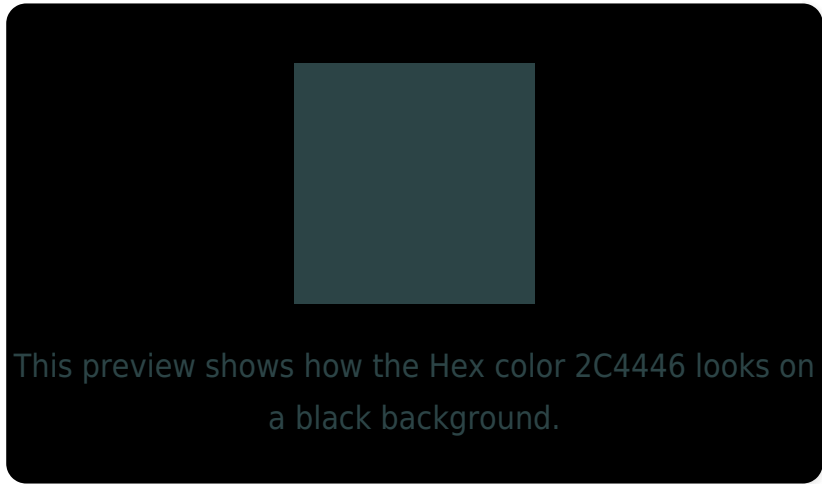
Large Text (above 18pt) WCAG AA ✓ Pass

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

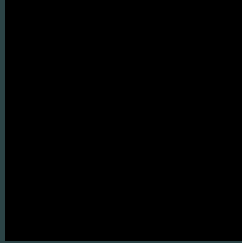
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

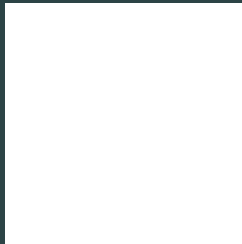
Any Text WCAG AAA × Fail

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

Hex 2C4446 Background



This preview shows how black text looks on a background with the Hex color 2C4446.



This preview shows how white text looks on a background with the Hex color 2C4446.

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
2C4446

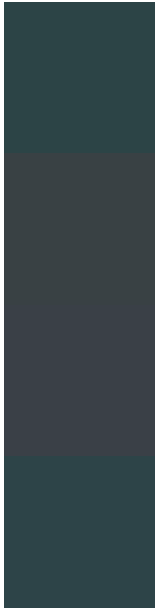
Protanopia
403F43

Deuteranopia
423E47



Tritanopia
2D4449

Trichromacy



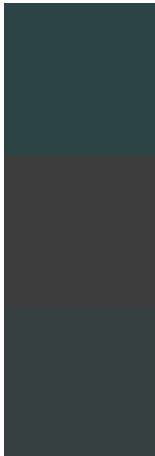
Original Color
2C4446

Protanomaly
394144

Deuteranomaly
3A4047

Tritanomaly
2D4448

Monochromacy



Original Color
2C4446

Achromatopsia
3D3D3D

Achromatomaly
374040

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4446 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 #2C4446 looks like.

```
.text, #text, p{  
    color:#2C4446  
}
```

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 #2C4446 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4446
}
```

Border

The CSS property to change the border of an element to Hex 2C4446 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
#2C4446 }
```

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

```
.border{ border-color:#2C4446 }
```

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

Here you see how a box with a 4 pixel #2C4446 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4446; -webkit-box-shadow:4px 4px  
4px 4px #2C4446; box-shadow:4px 4px 4px  
4px #2C4446 }
```

Background

The CSS property to change the background color of an element to Hex 2C4446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4446 }
```

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

```
.background{ background-color:#2C4446 }
```

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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