

Converting Colors

Hex(2C4742)

Have a look what the booklet for
Hex(2C4742) contains.

Hex(2C4742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2C4742)

Conversions

Conversions Part 1

Format	Color
Hex	2C4742
RGB	44, 71, 66
RGB Percent	17%, 28%, 26%
CMY	0.8275, 0.7216, 0.7412
CMYK	0.38, 0.00, 0.07, 0.72
HSL	169°, 23%, 23%
HSV	169°, 38%, 28%
XYZ	4.2753, 5.4353, 5.9780
YIQ	62.3570, -14.4870, -7.2790

Conversions

Conversions Part 2

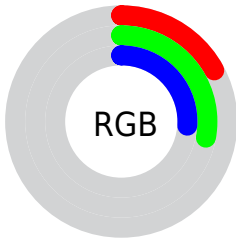
Format	Color
RYB	44, 59, 71
Decimal	2901826
CIELab	27.94, -11.58, -0.25
CIELCh	28, 11.582, 181.261
Yxy	5.4353, 0.2725, 0.3464
Android (android.graphics.Color)	4281091906 (0xFF2C4742)
YUV	62.3570, 1.7960, -16.0991
Hunter-Lab	23.3137, -8.0654, 1.1166

Details

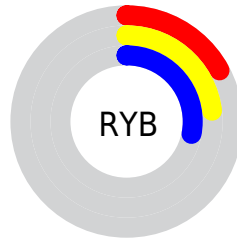
The Hex color **2C4742** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **472C31**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **5B7872**, and **001C17** is the 20% darker color. If you saturate the color by 10%, you get **254741**, and if you desaturate by 10%, it is **334743**.

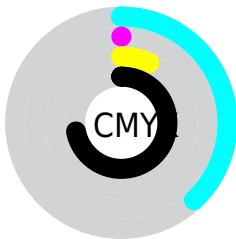
Distribution



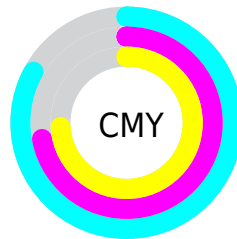
- Red (17%)
- Green (28%)
- Blue (26%)



- Red (17%)
- Yellow (23%)
- Blue (28%)



- Cyan (38%)
- Magenta (0%)
- Yellow (7%)
- Black (72%)



- Cyan (83%)
- Magenta (72%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4742 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 2C4742 by changing the saturation by 10% instead.

■ 2C4742

■ 2C4742

FFFFFF

■ 16302C

■ 5B7872

■ 001C17

■ 74918B

■ 000000

■ 8EACA6

■ A8C7C1

■ C4E3DD

■ E0FFF9

■ FDFFFF

■ 2C4742

■ 2C4742

■ 254741

■ 334743

■ 1E473F

■ 3A4745

■ 17473E

■ 414746

■ 10473D

■ 484747

■ 08473B

■ 504749

■ 01473A

■ 57474A

■ 00473A

■ 5E474B

■ 65474D

■ 6C474E

Harmonies

Analogous

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



344639



2C4742



29474B

Triad

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



2C4742



444051



503F33

Complementary

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



2C4742



472C31

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.



543C39



2C4742



4E3D4B

Square

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



2C4742



384354



533C42



484130

Rectangle

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



2C4742



2B464F



533C42



523E34

Sweetspot

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



2C4742



525C5A



31472C



282E2D



ADADAD



2E2E2E

Same Dimension

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



2C4742



325C54



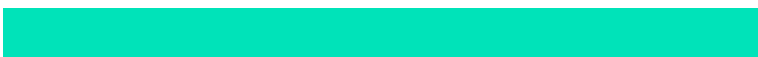
2C3F47



202423



006351



00E3B9

Inverse Universe

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



472C31



5C3239



47342C



242021



630012



E3002A

Previews

White Background



This preview shows how the Hex color 2C4742 looks on a white background.

Color Contrast Check

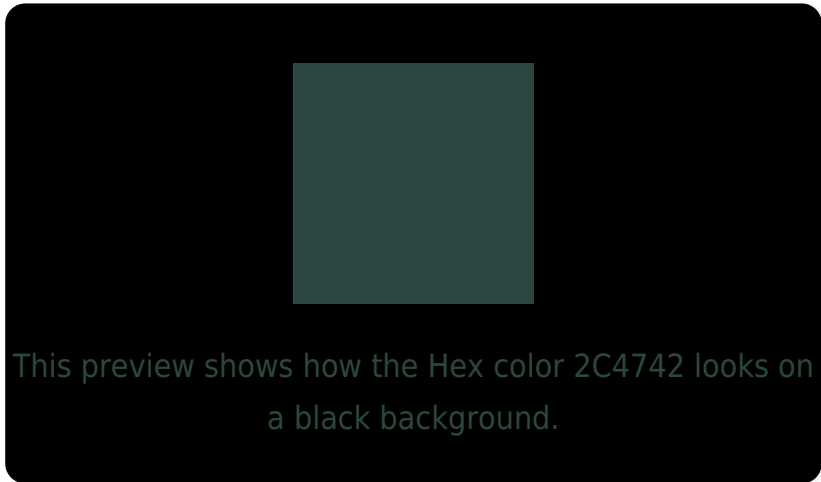
Large Text (above 18pt) WCAG AA ✓ Pass

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

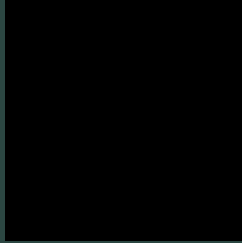
Any Text WCAG AA × Fail

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 2C4742 Background



This preview shows how black text looks on a background with the Hex color 2C4742.



This preview shows how white text looks on a background with the Hex color 2C4742.

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
2C4742

Protanopia
44413F

Deuteranopia
474044



Tritanopia
2E464B

Trichromacy



Original Color
2C4742

Protanomaly
3B4340

Deuteranomaly
3D4343

Tritanomaly
2D4648

Monochromacy



Original Color
2C4742

Achromatopsia
3E3E3E

Achromatomaly
37413F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4742 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 #2C4742 looks like.

```
.text, #text, p{  
    color:#2C4742  
}
```

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 #2C4742 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4742
}
```

Border

The CSS property to change the border of an element to Hex 2C4742 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
#2C4742 }
```

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

```
.border{ border-color:#2C4742 }
```

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

Here you see how a box with a 4 pixel #2C4742 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4742; -webkit-box-shadow:4px 4px  
4px 4px #2C4742; box-shadow:4px 4px 4px  
4px #2C4742 }
```

Background

The CSS property to change the background color of an element to Hex 2C4742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4742 }
```

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

```
.background{ background-color:#2C4742 }
```

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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