

Converting Colors

Hex(2C4E51)

Have a look what the booklet for
Hex(2C4E51) contains.

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Color

Hex(2C4E51)

Conversions

Conversions Part 1

Format	Color
Hex	2C4E51
RGB	44, 78, 81
RGB Percent	17%, 31%, 32%
CMY	0.8275, 0.6941, 0.6824
CMYK	0.46, 0.04, 0.00, 0.68
HSL	185°, 30%, 25%
HSV	185°, 46%, 32%
XYZ	5.2483, 6.5783, 8.7777
YIQ	68.1760, -21.2270, -6.2750

Conversions

Conversions Part 2

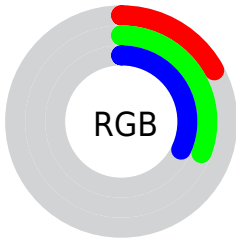
Format	Color
RYB	44, 62, 81
Decimal	2903633
CIELab	30.83, -11.44, -5.66
CIElCh	31, 12.766, 206.327
Yxy	6.5783, 0.2547, 0.3193
Android (android.graphics.Color)	4281093713 (0xFF2C4E51)
YUV	68.1760, 6.3222, -21.2024
Hunter-Lab	25.6483, -8.3587, -2.3373

Details

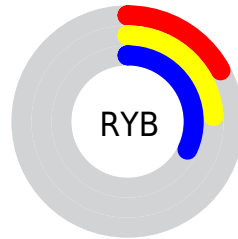
The Hex color **2C4E51** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **512F2C**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **5C7F82**, and **002225** is the 20% darker color. If you saturate the color by 10%, you get **244D51**, and if you desaturate by 10%, it is **344F51**.

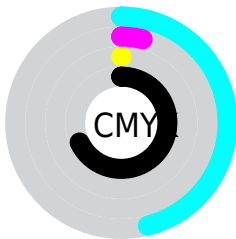
Distribution



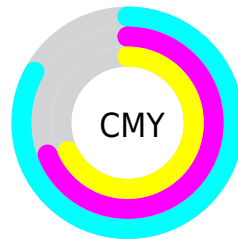
- Red (17%)
- Green (31%)
- Blue (32%)



- Red (17%)
- Yellow (24%)
- Blue (32%)



- Cyan (46%)
- Magenta (4%)
- Yellow (0%)
- Black (68%)



- Cyan (83%)
- Magenta (69%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4E51 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 2C4E51 by changing the saturation by 10% instead.

■ 2C4E51

■ 2C4E51

FFFFFF

■ 14373A

■ 5C7F82

■ 002225

■ 76999C

■ 000610

■ 90B4B7

■ 000000

■ ABCFD3

■ C6ECEF

■ E2FFFF

■ 2C4E51

■ 2C4E51

■ 244D51

■ 344F51

■ 1C4D51

■ 3C4F51

■ 144C51

■ 445051

■ 0C4B51

■ 4C5151

■ 034B51

■ 555151

■ 004A51

■ 5D5251

■ 655351

■ 6D5351

■ 755451

Harmonies

Analogous

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



314E47



2C4E51



304D59

Triad

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



2C4E51



544354



514735

Complementary

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



2C4E51



512F2C

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.



594438



2C4E51



5B424A

Square

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



2C4E51



49465A



5D4240



474B37

Rectangle

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



2C4E51



374B5C



5D4240



544635

Sweetspot

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



2C4E51



5A6769



2C512E



2C3536



B5B5B5



363636

Same Dimension

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



2C4E51



2F6469



2C3C51



252829



006069



00D5E8

Inverse Universe

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



512C4E



692F64



51412C



292528



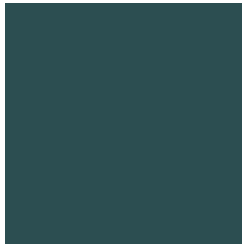
690060



E800D5

Previews

White Background



This preview shows how the Hex color 2C4E51 looks on a white background.

Color Contrast Check

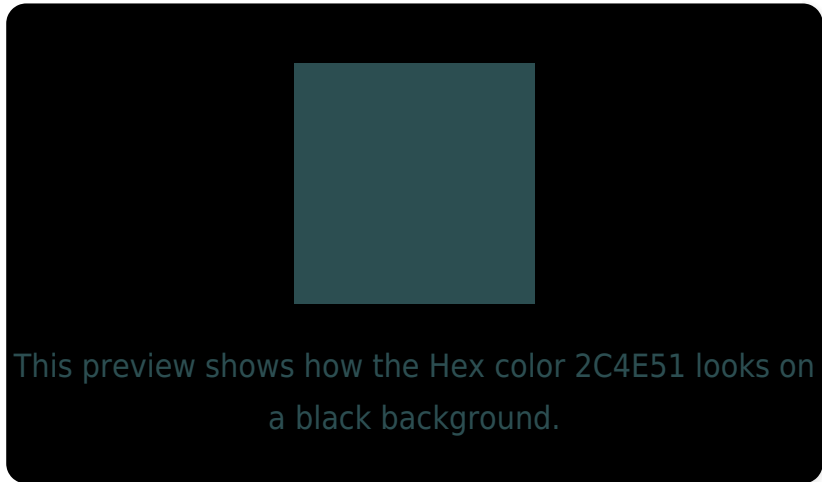
Large Text (above 18pt) WCAG AA ✓ Pass

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

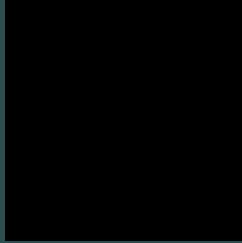
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

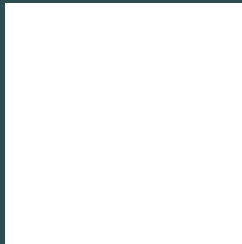
Any Text WCAG AAA × Fail

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

Hex 2C4E51 Background



This preview shows how black text looks on a background with the Hex color 2C4E51.



This preview shows how white text looks on a background with the Hex color 2C4E51.

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
2C4E51

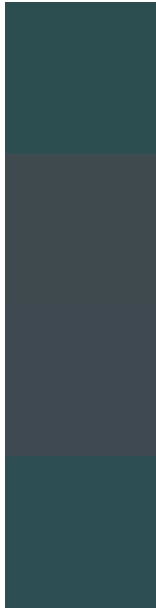
Protanopia
48484D

Deuteranopia
4A4653



Tritanopia
2D4E54

Trichromacy



Original Color
2C4E51

Protanomaly
3E4A4E

Deuteranomaly
3F4952

Tritanomaly
2D4E53

Monochromacy



Original Color
2C4E51

Achromatopsia
444444

Achromatomaly
3B4849

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4E51 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 #2C4E51 looks like.

```
.text, #text, p{  
    color:#2C4E51  
}
```

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 #2C4E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4E51  
}
```

Border

The CSS property to change the border of an element to Hex 2C4E51 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  
#2C4E51 }
```

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

```
.border{ border-color:#2C4E51 }
```

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

Here you see how a box with a 4 pixel #2C4E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4E51; -webkit-box-shadow:4px 4px  
4px 4px #2C4E51; box-shadow:4px 4px 4px  
4px #2C4E51 }
```

Background

The CSS property to change the background color of an element to Hex 2C4E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4E51 }
```

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

```
.background{ background-color:#2C4E51 }
```

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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