

Converting Colors

Hex(2C4650)

Have a look what the booklet for
Hex(2C4650) contains.

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Color

Hex(2C4650)

Conversions

Conversions Part 1

Format	Color
Hex	2C4650
RGB	44, 70, 80
RGB Percent	17%, 27%, 31%
CMY	0.8275, 0.7255, 0.6863
CMYK	0.45, 0.12, 0.00, 0.69
HSL	197°, 29%, 24%
HSV	197°, 45%, 31%
XYZ	4.6768, 5.4950, 8.4036
YIQ	63.3660, -18.7060, -2.4020

Conversions

Conversions Part 2

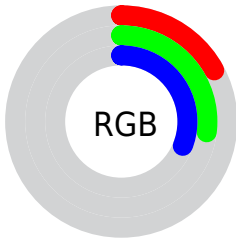
Format	Color
R_{YB}	44, 59, 80
Decimal	2901584
CIE Lab	28.10, -6.87, -9.12
CIE LCh	28, 11.415, 233.003
Yxy	5.4950, 0.2518, 0.2958
Android (android.graphics.Color)	4281091664 (0xFF2C4650)
YUV	63.3660, 8.2006, -16.9840
Hunter-Lab	23.4414, -5.4095, -4.8461

Details

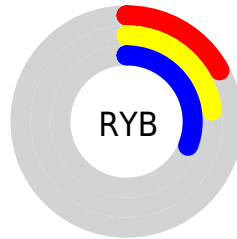
The Hex color **2C4650** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **50362C**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5C7681**, and **001B24** is the 20% darker color. If you saturate the color by 10%, you get **244450**, and if you desaturate by 10%, it is **344850**.

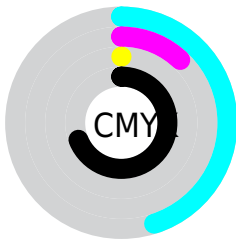
Distribution



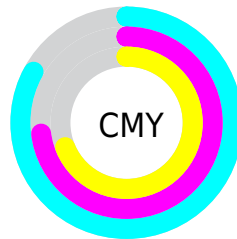
- Red (17%)
- Green (27%)
- Blue (31%)



- Red (17%)
- Yellow (23%)
- Blue (31%)



- Cyan (45%)
- Magenta (12%)
- Yellow (0%)
- Black (69%)



- Cyan (83%)
- Magenta (73%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4650 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 2C4650 by changing the saturation by 10% instead.

■ 2C4650

■ 2C4650

FFFFFF

■ 153039

■ 5C7681

■ 001B24

■ 75909B

■ 00010E

■ 8FAAB6

■ 000000

■ AAC6D2

■ C5E2EE

■ E1FEFF

FEFFFF

■ 2C4650

■ 2C4650

■ 244450

■ 344850

■ 1C4250

■ 3C4A50

■ 143F50

■ 444D50

■ 0C3D50

■ 4C4F50

■ 043B50

■ 545150

■ 003A50

■ 5C5350

■ 645650

■ 6C5850

■ 745A50

Harmonies

Analogous

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



2A4749



2C4650



354453

Triad

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



2C4650



523C45



424432

Complementary

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



2C4650



50362C

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.



4B4131



2C4650



543C3C

Square

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



2C4650



4C3E4D



523E35



384638

Rectangle

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



2C4650



3D4253



523E35



454331

Sweetspot

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



2C4650



5A6469



2C5036



2C3336



B5B5B5



363636

Same Dimension

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



2C4650



305969



2C3450



252829



004C69



00A8E8

Inverse Universe

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



502C46



693059



50482C



292528



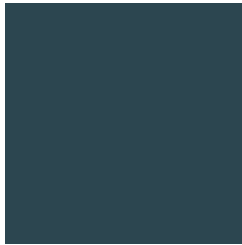
69004C



E800A8

Previews

White Background



This preview shows how the Hex color 2C4650 looks on a white background.

Color Contrast Check

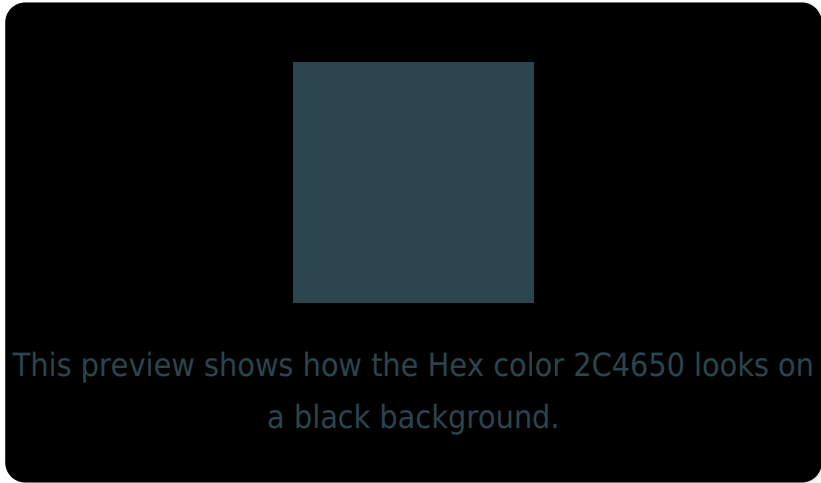
Large Text (above 18pt) WCAG AA ✓ Pass

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

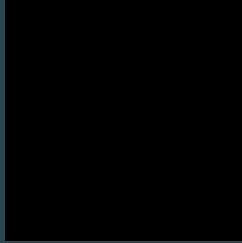
Any Text WCAG AA × Fail

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 2C4650 Background



This preview shows how black text looks on a background with the Hex color 2C4650.



This preview shows how white text looks on a background with the Hex color 2C4650.

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

2C4650

Protanopia

40424D

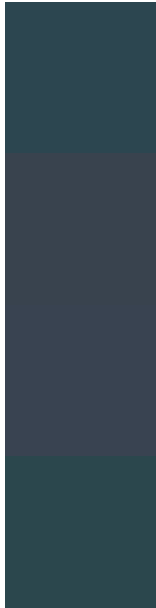
Deuteranopia

414151



Tritanopia
2B474C

Trichromacy



Original Color
2C4650

Protanomaly
39434E

Deuteranomaly
394351

Tritanomaly
2B474D

Monochromacy



Original Color
2C4650

Achromatopsia
3F3F3F

Achromatomaly
384245

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4650 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 #2C4650 looks like.

```
.text, #text, p{  
    color:#2C4650  
}
```

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 #2C4650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4650
}
```

Border

The CSS property to change the border of an element to Hex 2C4650 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
#2C4650 }
```

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

```
.border{ border-color:#2C4650 }
```

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

Here you see how a box with a 4 pixel #2C4650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4650; -webkit-box-shadow:4px 4px  
4px 4px #2C4650; box-shadow:4px 4px 4px  
4px #2C4650 }
```

Background

The CSS property to change the background color of an element to Hex 2C4650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4650 }
```

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

```
.background{ background-color:#2C4650 }
```

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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