

Converting Colors

Hex(2C4858)

Have a look what the booklet for
Hex(2C4858) contains.

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Color

Hex(2C4858)

Conversions

Conversions Part 1

Format	Color
Hex	2C4858
RGB	44, 72, 88
RGB Percent	17%, 28%, 35%
CMY	0.8275, 0.7176, 0.6549
CMYK	0.50, 0.18, 0.00, 0.65
HSL	202°, 33%, 26%
HSV	202°, 50%, 35%
XYZ	5.1175, 5.8748, 10.0967
YIQ	65.4520, -21.8240, -0.9600

Conversions

Conversions Part 2

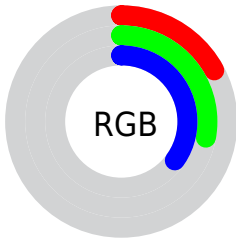
Format	Color
R_{YB}	44, 61, 88
Decimal	2902104
CIE _{Lab}	29.09, -5.57, -12.78
CIE _{LCh}	29, 13.937, 246.451
Yxy	5.8748, 0.2427, 0.2786
Android (android.graphics.Color)	4281092184 (0xFF2C4858)
YUV	65.4520, 11.1162, -18.8134
Hunter-Lab	24.2380, -4.7285, -7.7317

Details

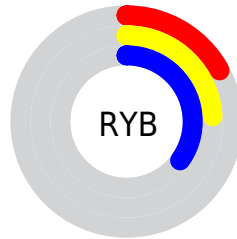
The Hex color **2C4858** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **583C2C**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5D788A**, and **001D2B** is the 20% darker color. If you saturate the color by 10%, you get **234558**, and if you desaturate by 10%, it is **354B58**.

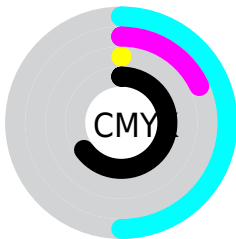
Distribution



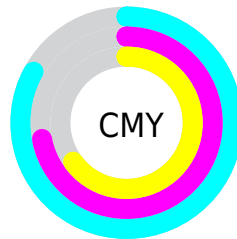
- Red (17%)
- Green (28%)
- Blue (35%)



- Red (17%)
- Yellow (24%)
- Blue (35%)



- Cyan (50%)
- Magenta (18%)
- Yellow (0%)
- Black (65%)



- Cyan (83%)
- Magenta (72%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4858 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 2C4858 by changing the saturation by 10% instead.

■ 2C4858

■ 2C4858

FFFFFF

■ 143241

■ 5D788A

■ 001D2B

■ 7692A4

■ 000116

■ 90ADBF

■ 000000

■ ABC8DB

■ C7E4F8

■ E3FFFF

■ 2C4858

■ 2C4858

■ 234558

■ 354B58

■ 1A4258

■ 3E4E58

■ 123E58

■ 465258

■ 093B58

■ 4F5558

■ 003858

■ 585858

■ 615B58

■ 6A5E58

■ 726258

■ 7B6558

Harmonies

Analogous

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



244A51



2C4858



3A455A

Triad

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



2C4858



5A3D43



3E4833

Complementary

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



2C4858



583C2C

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.



4A452F



2C4858



593E38

Square

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



2C4858



543E4D



544131



324A3C

Rectangle

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



2C4858



454258



544131



424731

Sweetspot

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



2C4858



626C73



2C583B



30373B



BABABA



3B3B3B

Same Dimension

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



2C4858



2E5A73



2C3358



272A2B



00446B



0095EB

Inverse Universe

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



582C48



732E5A



58512C



2B272A



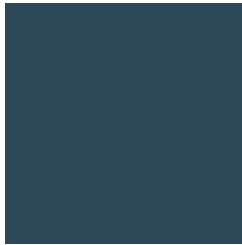
6B0044



EB0095

Previews

White Background



This preview shows how the Hex color 2C4858 looks on a white background.

Color Contrast Check

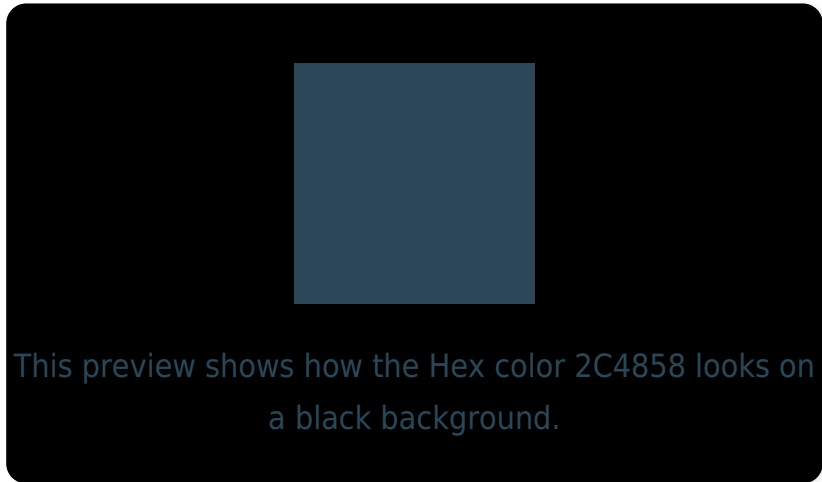
Large Text (above 18pt) WCAG AA ✓ Pass

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

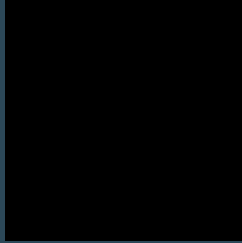
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

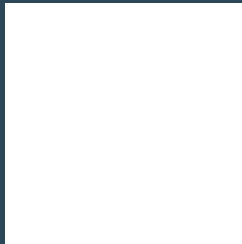
Any Text WCAG AAA × Fail

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

Hex 2C4858 Background



This preview shows how black text looks on a background with the Hex color 2C4858.



This preview shows how white text looks on a background with the Hex color 2C4858.

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](#).

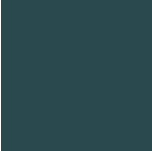
Dichromacy



Original Color
2C4858

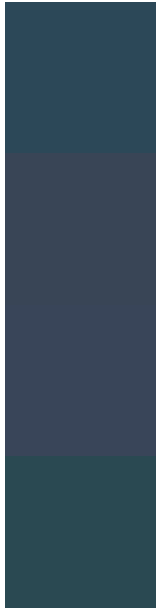
Protanopia
404455

Deuteranopia
404359



Tritanopia
29494F

Trichromacy



Original Color
2C4858

Protanomaly
394556

Deuteranomaly
394559

Tritanomaly
2A4952

Monochromacy



Original Color
2C4858

Achromatopsia
414141

Achromatomaly
394449

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4858 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 #2C4858 looks like.

```
.text, #text, p{  
    color:#2C4858  
}
```

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 #2C4858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4858
}
```

Border

The CSS property to change the border of an element to Hex 2C4858 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
#2C4858 }
```

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

```
.border{ border-color:#2C4858 }
```

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

Here you see how a box with a 4 pixel #2C4858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4858; -webkit-box-shadow:4px 4px  
4px 4px #2C4858; box-shadow:4px 4px 4px  
4px #2C4858 }
```

Background

The CSS property to change the background color of an element to Hex 2C4858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4858 }
```

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

```
.background{ background-color:#2C4858 }
```

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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