

Converting Colors

Hex(2C535B)

Have a look what the booklet for
Hex(2C535B) contains.

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Color

Hex(2C535B)

Conversions

Conversions Part 1

Format	Color
Hex	2C535B
RGB	44, 83, 91
RGB Percent	17%, 33%, 36%
CMY	0.8275, 0.6745, 0.6431
CMYK	0.52, 0.09, 0.00, 0.64
HSL	190°, 35%, 26%
HSV	190°, 52%, 36%
XYZ	6.0203, 7.4773, 11.0235
YIQ	72.2510, -25.8120, -5.7800

Conversions

Conversions Part 2

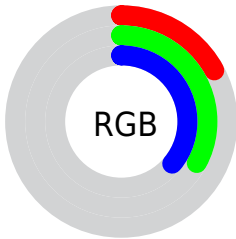
Format	Color
R_{YB}	44, 65, 91
Decimal	2904923
CIE Lab	32.87, -11.34, -8.96
CIE LCh	33, 14.446, 218.313
Yxy	7.4773, 0.2455, 0.3049
Android (android.graphics.Color)	4281095003 (0xFF2C535B)
YUV	72.2510, 9.2433, -24.7761
Hunter-Lab	27.3447, -8.5541, -4.7604




Details

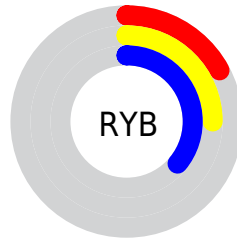
The Hex color **2C535B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5B342C**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **5D858D**, and **00262D** is the 20% darker color. If you saturate the color by 10%, you get **23515B**, and if you desaturate by 10%, it is **35555B**.

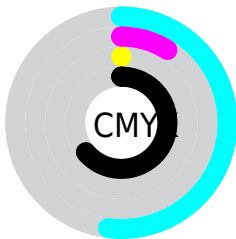
Distribution







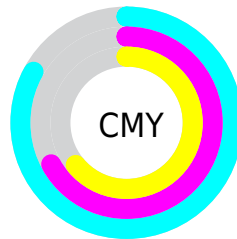
-  Red (17%)
-  Green (33%)
-  Blue (36%)






-  Red (17%)
-  Yellow (25%)
-  Blue (36%)



-  Cyan (52%)
-  Magenta (9%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (83%)
-  Magenta (67%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C535B 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 2C535B by changing the saturation by 10% instead.

■ 2C535B

■ 2C535B

FFFFFF

■ 133C44

■ 5D858D

■ 00262D

■ 779FA7

■ 001219

■ 91BAC3

■ 000000

■ ACD5DF

■ C8F2FB

■ E5FFFF

■ 2C535B

■ 2C535B

■ 23515B

■ 35555B

■ 1A505B

■ 3E565B

■ 114E5B

■ 47585B

■ 084D5B

■ 50595B

■ 004C5B

■ 5A5B5B

■ 635C5B

■ 6C5E5B

■ 755F5B

■ 7E615B

Harmonies

Analogous

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



2F5450



2C535B



355162

Triad

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



2C535B



5F4656



524E37

Complementary

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



2C535B



5B342C

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.



5D4A38



2C535B



64454A

Square

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



2C535B



53495F



634640



46513B

Rectangle

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



2C535B



3E4F64



634640



564C37

Sweetspot

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



2C535B



647275



2C5B34



30393B



BABABA



3B3B3B

Same Dimension

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



2C535B



2D6975



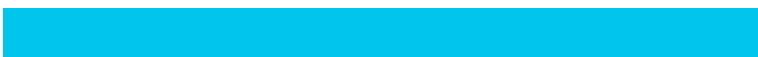
2C3C5B



292D2E



005B6E



00C5ED

Inverse Universe

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



5B2C53



752D69



5B4B2C



2E292D



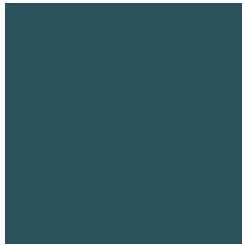
6E005B



ED00C5

Previews

White Background



This preview shows how the Hex color 2C535B looks on a white background.

Color Contrast Check

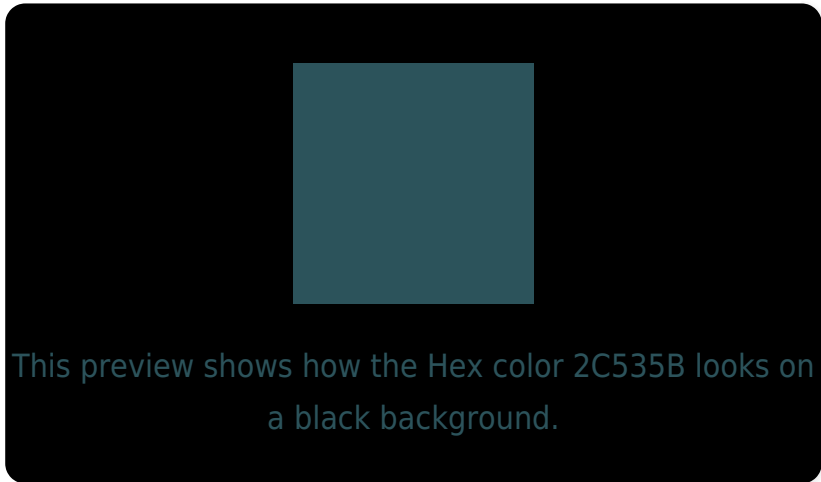
Large Text (above 18pt) WCAG AA ✓ Pass

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

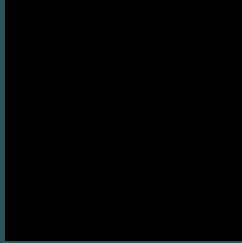
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

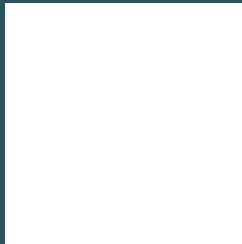
Any Text WCAG AAA × Fail

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

Hex 2C535B Background



This preview shows how black text looks on a background with the Hex color 2C535B.



This preview shows how white text looks on a background with the Hex color 2C535B.

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

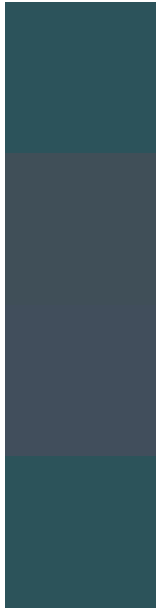


Original Color
2C535B

Protanopia
4C4C57

Deuteranopia
4D4B5D

Trichromacy



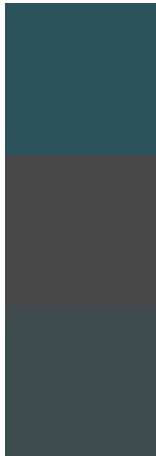
Original Color
2C535B

Protanomaly
404F58

Deuteranomaly
414E5C

Tritanomaly
2C535A

Monochromacy



Original Color
2C535B

Achromatopsia
484848

Achromatomaly
3E4C4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C535B 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 #2C535B looks like.

```
.text, #text, p{  
    color:#2C535B  
}
```

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 #2C535B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C535B
}
```

Border

The CSS property to change the border of an element to Hex 2C535B 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
#2C535B }
```

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

```
.border{ border-color:#2C535B }
```

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

Here you see how a box with a 4 pixel #2C535B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C535B; -webkit-box-shadow:4px 4px  
4px 4px #2C535B; box-shadow:4px 4px 4px  
4px #2C535B }
```

Background

The CSS property to change the background color of an element to Hex 2C535B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C535B }
```

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

```
.background{ background-color:#2C535B }
```

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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