

Converting Colors

Hex(2C5458)

Have a look what the booklet for
Hex(2C5458) contains.

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Color

Hex(2C5458)

Conversions

Conversions Part 1

Format	Color
Hex	2C5458
RGB	44, 84, 88
RGB Percent	17%, 33%, 35%
CMY	0.8275, 0.6706, 0.6549
CMYK	0.50, 0.05, 0.00, 0.65
HSL	185°, 33%, 26%
HSV	185°, 50%, 35%
XYZ	5.9705, 7.5807, 10.3811
YIQ	72.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

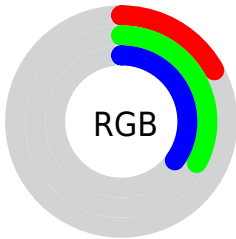
Format	Color
R_{YB}	44, 65, 88
Decimal	2905176
CIE Lab	33.09, -12.85, -6.72
CIE LCh	33, 14.505, 207.612
Yxy	7.5807, 0.2495, 0.3168
Android (android.graphics.Color)	4281095256 (0xFF2C5458)
YUV	72.4960, 7.6435, -24.9910
Hunter-Lab	27.5331, -9.4756, -3.0815




Details

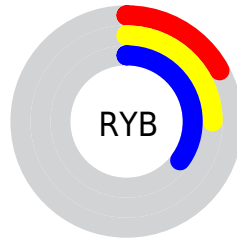
The Hex color **2C5458** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **58302C**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **5D868A**, and **00272B** is the 20% darker color. If you saturate the color by 10%, you get **235358**, and if you desaturate by 10%, it is **355558**.

Distribution







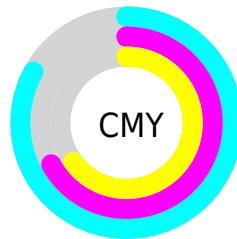
-  Red (17%)
-  Green (33%)
-  Blue (35%)






-  Red (17%)
-  Yellow (25%)
-  Blue (35%)



-  Cyan (50%)
-  Magenta (5%)
-  Yellow (0%)
-  Black (65%)



-  Cyan (83%)
-  Magenta (67%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5458 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 2C5458 by changing the saturation by 10% instead.

■ 2C5458

■ 2C5458

FFFFFF

■ 133D41

■ 5D868A

■ 00272B

■ 77A0A4

■ 001316

■ 91BBBF

■ 000000

■ ACD7DB

■ C8F3F8

■ E4FFFF

■ 2C5458

■ 2C5458

■ 235358

■ 355558

■ 1A5258

■ 3E5658

■ 125258

■ 465658

■ 095158

■ 4F5758

■ 005058

■ 585858

■ 615958

■ 6A5A58

■ 725A58

■ 7B5B58

Harmonies

Analogous

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



32544C



2C5458



315261

Triad

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



2C5458



5C485A



574D37

Complementary

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



2C5458



58302C

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.



60493B



2C5458



64464F

Square

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



2C5458



4E4B62



654644



4B5039

Rectangle

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



2C5458



395064



654644



5B4B38

Sweetspot

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



2C5458



627173



2C5830



303A3B



BABABA



3B3B3B

Same Dimension

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



2C5458



2E6C73



2C3E58



272B2B



00616B



00D5EB

Inverse Universe

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



582C54



732E6C



58462C



2B272B



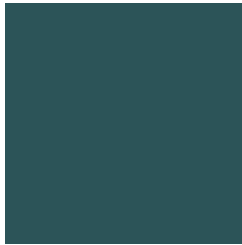
6B0061



EB00D5

Previews

White Background



This preview shows how the Hex color 2C5458 looks on a white background.

Color Contrast Check

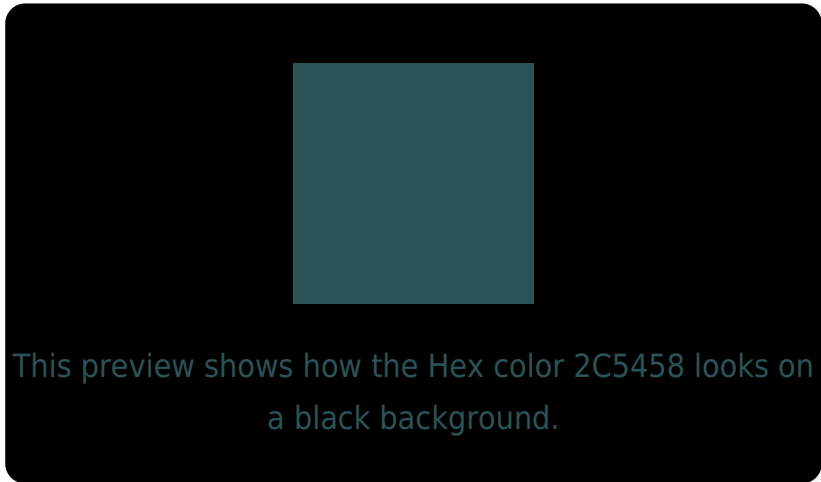
Large Text (above 18pt) WCAG AA ✓ Pass

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

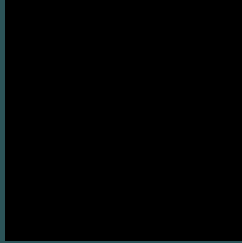
Any Text WCAG AA × Fail

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 2C5458 Background



This preview shows how black text looks on a background with the Hex color 2C5458.



This preview shows how white text looks on a background with the Hex color 2C5458.

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

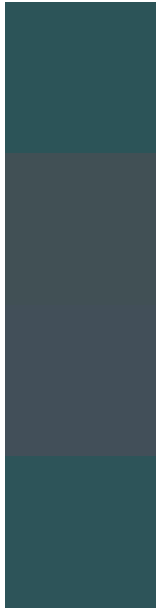


Original Color
2C5458

Protanopia
4D4D54

Deuteranopia
4F4C5A

Trichromacy



Original Color
2C5458

Protanomaly
415055

Deuteranomaly
424F59

Tritanomaly
2D5459

Monochromacy



Original Color
2C5458

Achromatopsia
484848

Achromatomaly
3E4C4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5458 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 #2C5458 looks like.

```
.text, #text, p{  
    color:#2C5458  
}
```

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 #2C5458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5458
}
```

Border

The CSS property to change the border of an element to Hex 2C5458 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
#2C5458 }
```

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

```
.border{ border-color:#2C5458 }
```

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

Here you see how a box with a 4 pixel #2C5458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5458; -webkit-box-shadow:4px 4px  
4px 4px #2C5458; box-shadow:4px 4px 4px  
4px #2C5458 }
```

Background

The CSS property to change the background color of an element to Hex 2C5458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5458 }
```

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

```
.background{ background-color:#2C5458 }
```

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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