

Converting Colors

Hex(2C5965)

Have a look what the booklet for
Hex(2C5965) contains.

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Color

Hex(2C5965)

Conversions

Conversions Part 1

Format	Color
Hex	2C5965
RGB	44, 89, 101
RGB Percent	17%, 35%, 40%
CMY	0.8275, 0.6510, 0.6039
CMYK	0.56, 0.12, 0.00, 0.60
HSL	193°, 39%, 28%
HSV	193°, 56%, 40%
XYZ	6.9600, 8.6198, 13.6089
YIQ	76.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

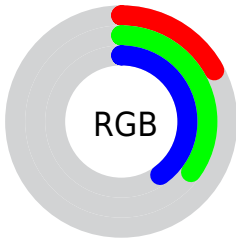
Format	Color
RYB	44, 69, 101
Decimal	2906469
CIELab	35.24, -11.69, -11.65
CIElCh	35, 16.500, 224.908
Yxy	8.6198, 0.2384, 0.2953
Android (android.graphics.Color)	4281096549 (0xFF2C5965)
YUV	76.9130, 11.8749, -28.8647
Hunter-Lab	29.3595, -9.0635, -6.9307

Details

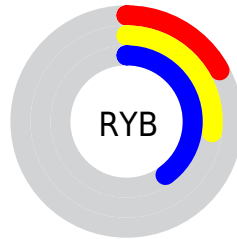
The Hex color **2C5965** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **65382C**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **5F8B98**, and **002B36** is the 20% darker color. If you saturate the color by 10%, you get **225765**, and if you desaturate by 10%, it is **365B65**.

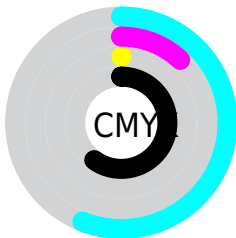
Distribution



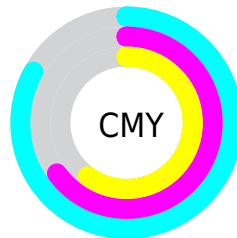
- Red (17%)
- Green (35%)
- Blue (40%)



- Red (17%)
- Yellow (27%)
- Blue (40%)



- Cyan (56%)
- Magenta (12%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (65%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5965 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 2C5965 by changing the saturation by 10% instead.

■ 2C5965

■ 2C5965

FFFFFF

■ 10424D

■ 5F8B98

■ 002B36

■ 79A5B3

■ 001821

■ 93C1CE

■ 000008

■ AFDCEA

■ 000000

■ CBF9FF

■ E7FFFF

■ 2C5965

■ 2C5965

■ 225765

■ 365B65

■ 185565

■ 405D65

■ 0E5365

■ 4A5F65

■ 045065

■ 546265

■ 005065

■ 5F6465

■ 696665

■ 736865

■ 7D6A65

■ 876C65

Harmonies

Analogous

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



2C5A59



2C5965



39566C

Triad

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



2C5965



694A5A



565439

Complementary

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



2C5965



65382C

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.



62503A



2C5965



6D494D

Square

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



2C5965



5D4D66



6B4C41



475840

Rectangle

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



2C5965



45536D



6B4C41



5A5339

Sweetspot

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



2C5965



6C7D82



2C6537



354042



C2C2C2



424242

Same Dimension

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



2C5965



2A6F82



2C3D65



2E3233



005B73



00BFF2

Inverse Universe

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



652C59



822A6F



65542C



332E32



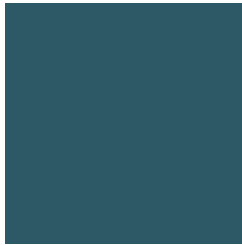
73005B



F200BF

Previews

White Background



This preview shows how the Hex color 2C5965 looks on a white background.

Color Contrast Check

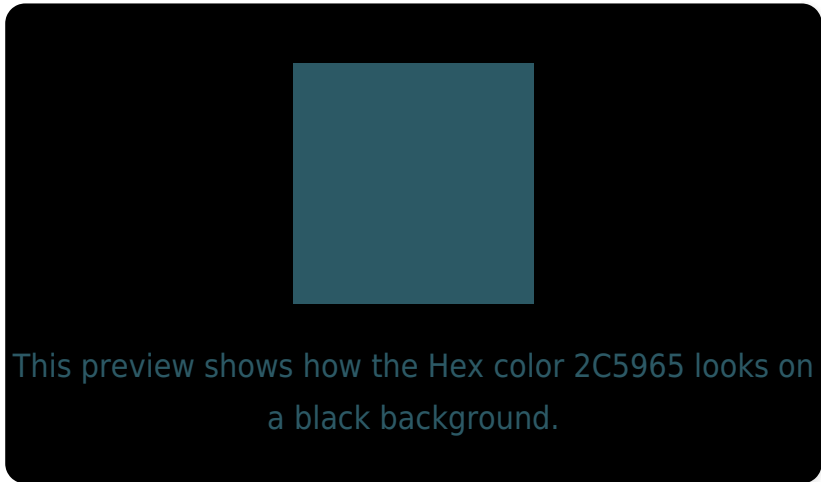
Large Text (above 18pt) WCAG AA ✓ Pass

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

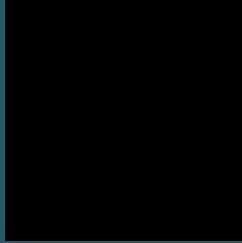
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

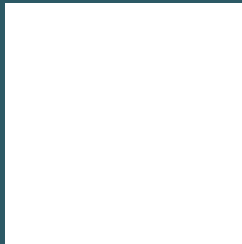
Any Text WCAG AAA × Fail

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

Hex 2C5965 Background



This preview shows how black text looks on a background with the Hex color 2C5965.

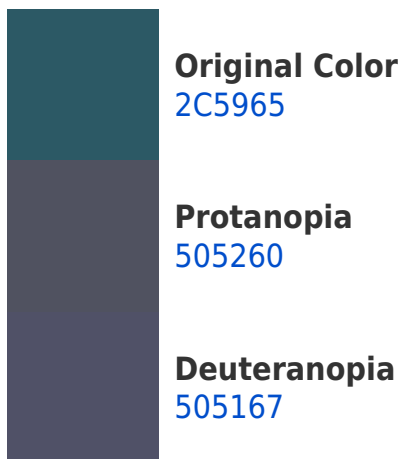


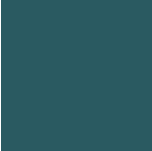
This preview shows how white text looks on a background with the Hex color 2C5965.

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](#).

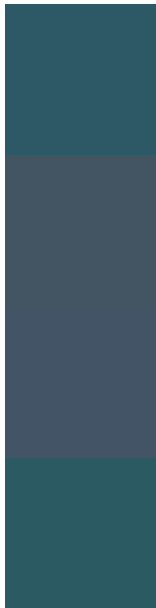
Dichromacy





Tritanopia
2A5A61

Trichromacy



Original Color
2C5965

Protanomaly
435562

Deuteranomaly
435466

Tritanomaly
2B5A62

Monochromacy



Original Color
2C5965

Achromatopsia
4D4D4D

Achromatomaly
415156

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5965 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 #2C5965 looks like.

```
.text, #text, p{  
    color:#2C5965  
}
```

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 #2C5965 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5965
}
```

Border

The CSS property to change the border of an element to Hex 2C5965 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
#2C5965 }
```

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

```
.border{ border-color:#2C5965 }
```

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

Here you see how a box with a 4 pixel #2C5965 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5965; -webkit-box-shadow:4px 4px  
4px 4px #2C5965; box-shadow:4px 4px 4px  
4px #2C5965 }
```

Background

The CSS property to change the background color of an element to Hex 2C5965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5965 }
```

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

```
.background{ background-color:#2C5965 }
```

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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