

Converting Colors

Hex(2C565F)

Have a look what the booklet for
Hex(2C565F) contains.

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Color

Hex(2C565F)

Conversions

Conversions Part 1

Format	Color
Hex	2C565F
RGB	44, 86, 95
RGB Percent	17%, 34%, 37%
CMY	0.8275, 0.6627, 0.6275
CMYK	0.54, 0.09, 0.00, 0.63
HSL	191°, 37%, 27%
HSV	191°, 54%, 37%
XYZ	6.4321, 8.0173, 12.0350
YIQ	74.4680, -27.9210, -6.1050

Conversions

Conversions Part 2

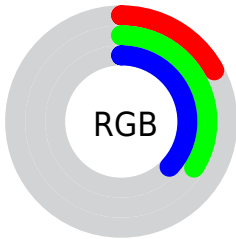
Format	Color
R_{YB}	44, 67, 95
Decimal	2905695
CIE _{Lab}	34.02, -11.84, -9.74
CIE _{LCh}	34, 15.336, 219.441
Yxy	8.0173, 0.2429, 0.3027
Android (android.graphics.Color)	4281095775 (0xFF2C565F)
YUV	74.4680, 10.1223, -26.7204
Hunter-Lab	28.3148, -9.0024, -5.3803

Details

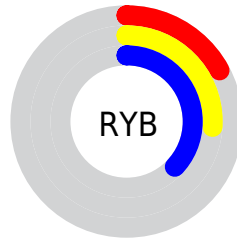
The Hex color **2C565F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5F352C**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5E8891**, and **002931** is the 20% darker color. If you saturate the color by 10%, you get **23545F**, and if you desaturate by 10%, it is **36585F**.

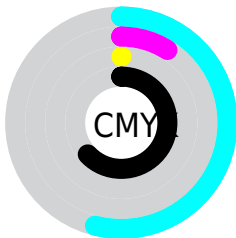
Distribution



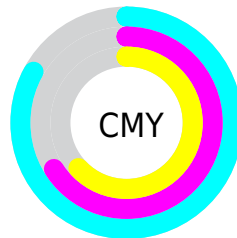
- Red (17%)
- Green (34%)
- Blue (37%)



- Red (17%)
- Yellow (26%)
- Blue (37%)



- Cyan (54%)
- Magenta (9%)
- Yellow (0%)
- Black (63%)



- Cyan (83%)
- Magenta (66%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C565F 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 2C565F by changing the saturation by 10% instead.

■ 2C565F

■ 2C565F

FFFFFF

■ 123F47

■ 5E8891

■ 002931

■ 78A2AC

■ 00151C

■ 92BDC7

■ 000000

■ ADD9E3

■ C9F5FF

■ E6FFFF

■ 2C565F

■ 2C565F

■ 23545F

■ 36585F

■ 19535F

■ 3F595F

■ 10515F

■ 495B5F

■ 064F5F

■ 525D5F

■ 004E5F

■ 5C5E5F

■ 65605F

■ 6F625F

■ 78635F

■ 82655F

Harmonies

Analogous

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



2E5754



2C565F



365466

Triad

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



2C565F



634859



555038

Complementary

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



2C565F



5F352C

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.



604C3A



2C565F



68474D

Square

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



2C565F



574C63



674941



47543D

Rectangle

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



2C565F



415168



674941



594F38

Sweetspot

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



2C565F



67777A



2C5F35



323B3D



BDBDBD



3D3D3D

Same Dimension

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



2C565F



2C6D7A



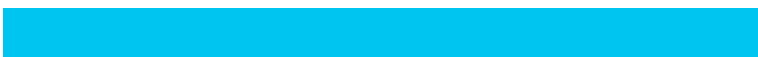
2C3D5F



2C3030



005C70



00C5F0

Inverse Universe

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



5F2C56



7A2C6D



5F4E2C



302C30



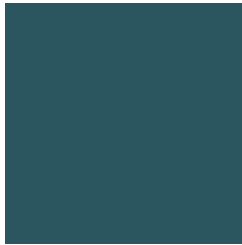
70005C



F000C5

Previews

White Background



This preview shows how the Hex color 2C565F looks on a white background.

Color Contrast Check

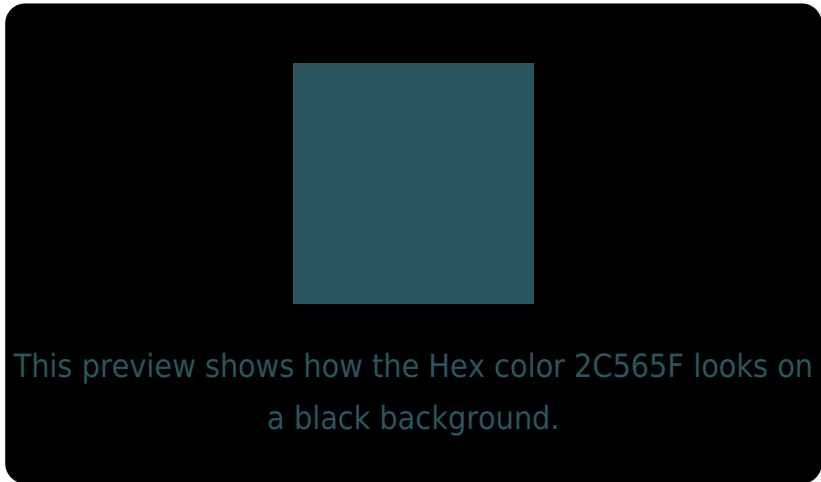
Large Text (above 18pt) WCAG AA ✓ Pass

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

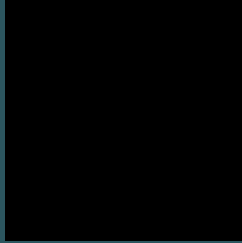
Any Text WCAG AA × Fail

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 2C565F Background



This preview shows how black text looks on a background with the Hex color 2C565F.



This preview shows how white text looks on a background with the Hex color 2C565F.

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](#).

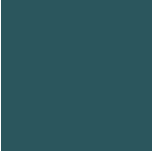
Dichromacy



Original Color
2C565F

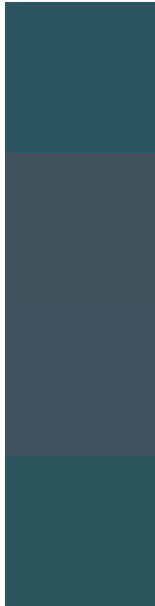
Protanopia
4E4F5A

Deuteranopia
4F4E61



Tritanopia
2B565D

Trichromacy



Original Color
2C565F

Protanomaly
42525C

Deuteranomaly
425160

Tritanomaly
2B565E

Monochromacy



Original Color
2C565F

Achromatopsia
4A4A4A

Achromatomaly
3F4E52

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C565F 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 #2C565F looks like.

```
.text, #text, p{  
    color:#2C565F  
}
```

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 #2C565F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C565F
}
```

Border

The CSS property to change the border of an element to Hex 2C565F 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
#2C565F }
```

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

```
.border{ border-color:#2C565F }
```

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

Here you see how a box with a 4 pixel #2C565F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C565F; -webkit-box-shadow:4px 4px  
4px 4px #2C565F; box-shadow:4px 4px 4px  
4px #2C565F }
```

Background

The CSS property to change the background color of an element to Hex 2C565F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C565F }
```

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

```
.background{ background-color:#2C565F }
```

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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