

Converting Colors

Hex(2C5B64)

Have a look what the booklet for
Hex(2C5B64) contains.

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Color

Hex(2C5B64)

Conversions

Conversions Part 1

Format	Color
Hex	2C5B64
RGB	44, 91, 100
RGB Percent	17%, 36%, 39%
CMY	0.8275, 0.6431, 0.6078
CMYK	0.56, 0.09, 0.00, 0.61
HSL	190°, 39%, 28%
HSV	190°, 56%, 39%
XYZ	7.0800, 8.9377, 13.4086
YIQ	77.9730, -30.9010, -7.1650

Conversions

Conversions Part 2

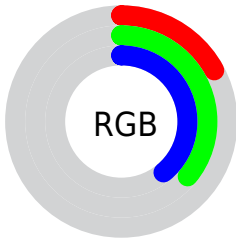
Format	Color
RYB	44, 70, 100
Decimal	2906980
CIELab	35.86, -13.17, -10.08
CIElCh	36, 16.589, 217.429
Yxy	8.9377, 0.2406, 0.3037
Android (android.graphics.Color)	4281097060 (0xFF2C5B64)
YUV	77.9730, 10.8593, -29.7943
Hunter-Lab	29.8961, -10.0454, -5.6647

Details

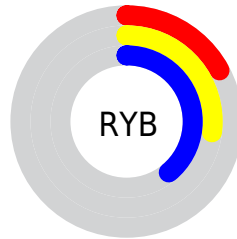
The Hex color **2C5B64** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **64352C**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **5F8D97**, and **002D35** is the 20% darker color. If you saturate the color by 10%, you get **225964**, and if you desaturate by 10%, it is **365D64**.

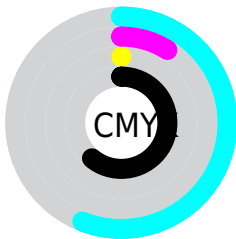
Distribution



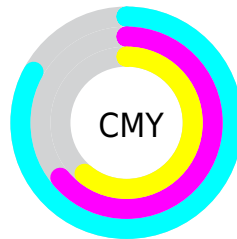
- Red (17%)
- Green (36%)
- Blue (39%)



- Red (17%)
- Yellow (27%)
- Blue (39%)



- Cyan (56%)
- Magenta (9%)
- Yellow (0%)
- Black (61%)



- Cyan (83%)
- Magenta (64%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C5B64 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 2C5B64 by changing the saturation by 10% instead.

■ 2C5B64

■ 2C5B64

FFFFFF

■ 10434C

■ 5F8D97

■ 002D35

■ 79A8B2

■ 001920

■ 94C3CD

■ 000007

■ AFDFE9

■ 000000

■ CBFCE9

■ E7FFFF

■ 2C5B64

■ 2C5B64

■ 225964

■ 365D64

185864

405E64

0E5664

4A6064

045564

546164

005464

5E6364

686564

726664

7C6864

866964

Harmonies

Analogous

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



305C57



2C5B64



36586C

Triad

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



2C5B64



684C5F



5B553A

Complementary

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



2C5B64



64352C

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.



67503C



2C5B64



6F4B51

Square

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



2C5B64



5B5069



6E4C45



4C583F

Rectangle

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



2C5B64



42566F



6E4C45



5F533A

Sweetspot

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



2C5B64



6C7E82



2C6434



354042



C2C2C2



424242

Same Dimension

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



2C5B64



2B7482



2C4064



2E3233



006073



00CBF2

Inverse Universe

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



642C5B



822B74



64502C



332E32



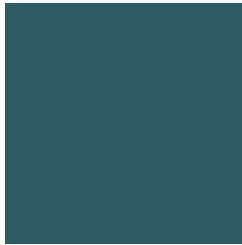
730060



F200CB

Previews

White Background



This preview shows how the Hex color 2C5B64 looks on a white background.

Color Contrast Check

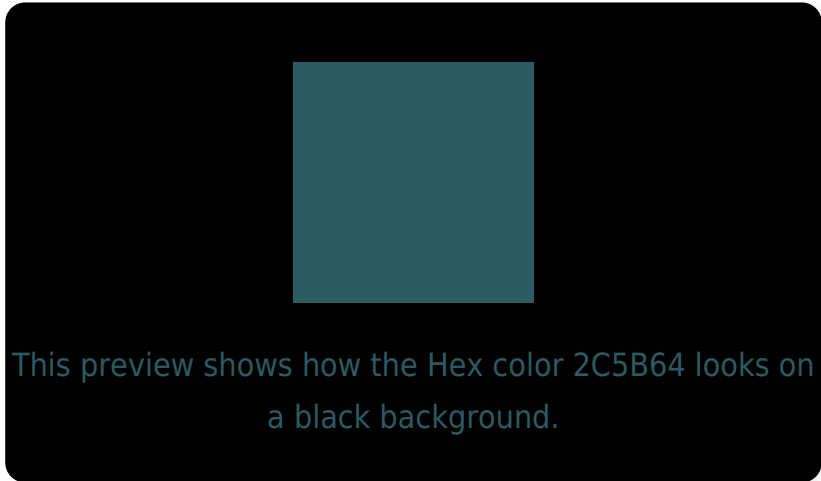
Large Text (above 18pt) WCAG AA ✓ Pass

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

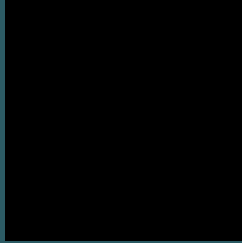
Any Text WCAG AA × Fail

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 2C5B64 Background



This preview shows how black text looks on a background with the Hex color 2C5B64.

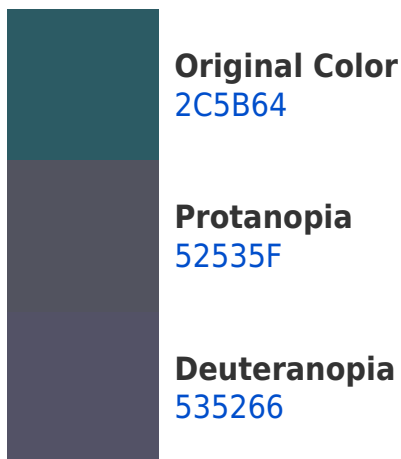


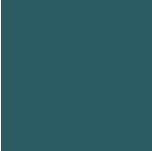
This preview shows how white text looks on a background with the Hex color 2C5B64.

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](#).

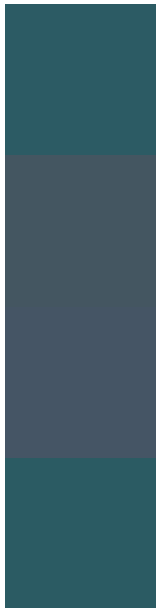
Dichromacy





Tritanopia
2B5B63

Trichromacy



Original Color
2C5B64

Protanomaly
445661

Deuteranomaly
455565

Tritanomaly
2B5B63

Monochromacy



Original Color
2C5B64

Achromatopsia
4E4E4E

Achromatomaly
425356

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C5B64 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 #2C5B64 looks like.

```
.text, #text, p{  
    color:#2C5B64  
}
```

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 #2C5B64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C5B64
}
```

Border

The CSS property to change the border of an element to Hex 2C5B64 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
#2C5B64 }
```

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

```
.border{ border-color:#2C5B64 }
```

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

Here you see how a box with a 4 pixel #2C5B64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C5B64; -webkit-box-shadow:4px 4px  
4px 4px #2C5B64; box-shadow:4px 4px 4px  
4px #2C5B64 }
```

Background

The CSS property to change the background color of an element to Hex 2C5B64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C5B64 }
```

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

```
.background{ background-color:#2C5B64 }
```

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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