

Converting Colors

Hex(2A5969)

Have a look what the booklet for
Hex(2A5969) contains.

Hex(2A5969)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A5969)

Conversions

Conversions Part 1

Format	Color
Hex	2A5969
RGB	42, 89, 105
RGB Percent	16%, 35%, 41%
CMY	0.8353, 0.6510, 0.5882
CMYK	0.60, 0.15, 0.00, 0.59
HSL	195°, 43%, 29%
HSV	195°, 60%, 41%
XYZ	7.0770, 8.6569, 14.6626
YIQ	76.7710, -33.1480, -4.9880

Conversions

Conversions Part 2

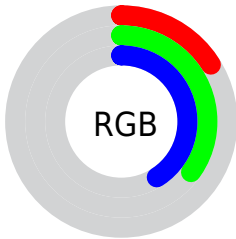
Format	Color
RYB	42, 69, 105
Decimal	2775401
CIELab	35.32, -10.84, -14.04
CIELCh	35, 17.735, 232.334
Yxy	8.6569, 0.2328, 0.2848
Android (android.graphics.Color)	4280965481 (0xFF2A5969)
YUV	76.7710, 13.9169, -30.4942
Hunter-Lab	29.4226, -8.5550, -8.9509




Details

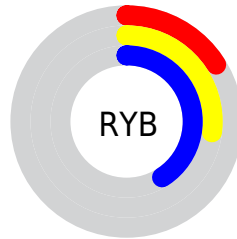
The Hex color **2A5969** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **693A2A**, and the grayscale version is **4D4D4D**.




A 20% lighter version of the original color is **5E8B9C**, and **002B3A** is the 20% darker color. If you saturate the color by 10%, you get **205669**, and if you desaturate by 10%, it is **355C69**.

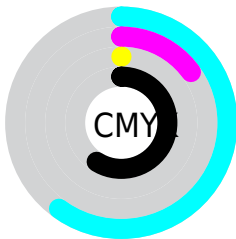
Distribution







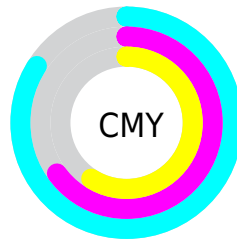
-  Red (16%)
-  Green (35%)
-  Blue (41%)






-  Red (16%)
-  Yellow (27%)
-  Blue (41%)



-  Cyan (60%)
-  Magenta (15%)
-  Yellow (0%)
-  Black (59%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A5969 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 2A5969 by changing the saturation by 10% instead.

■ 2A5969

■ 2A5969

FFFFFF

■ 0C4251

■ 5E8B9C

■ 002B3A

■ 78A5B7

■ 001824

■ 93C1D3

■ 00010E

■ AEDCEF

■ 000000

■ CAF9FF

■ E7FFFF

■ 2A5969

■ 2A5969

■ 205669

■ 355C69

■ 155469

■ 3F5E69

■ 0A5169

■ 4A6169

■ 004E69

■ 546469

■ 5F6669

■ 696969

■ 746C69

■ 7E6E69

■ 897169

Harmonies

Analogous

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



275B5D



2A5969



3B556F

Triad

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



2A5969



6D4957



525539

Complementary

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



2A5969



693A2A

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.



605137



2A5969



6F4949

Square

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



2A5969



624C64



6B4C3D



425941

Rectangle

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



2A5969



49526F



6B4C3D



575437

Sweetspot

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



2A5969



71838A



2A693A



364145



C4C4C4



454545

Same Dimension

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



2A5969



27718A



2A3A69



303436



005875



00B7F5

Inverse Universe

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



692A59



8A2771



69592A



363034



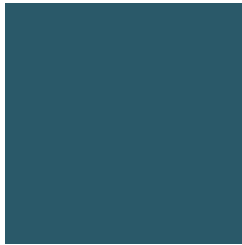
750058



F500B7

Previews

White Background



This preview shows how the Hex color 2A5969 looks on a white background.

Color Contrast Check

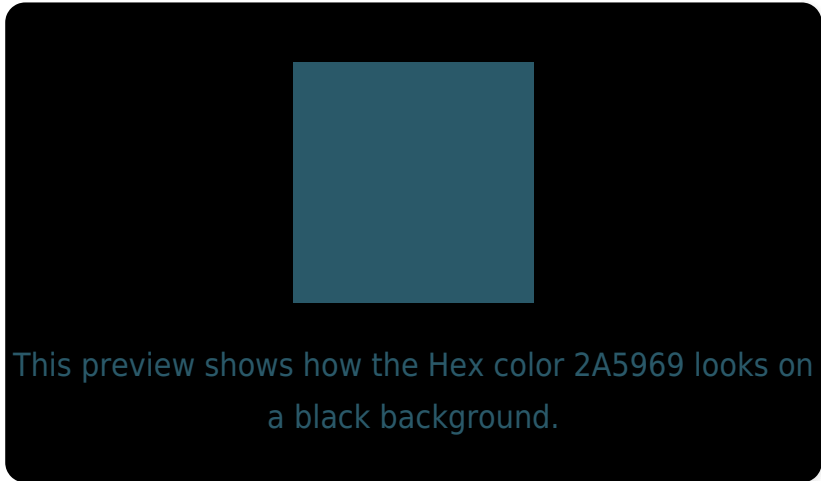
Large Text (above 18pt) WCAG AA ✓ Pass

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

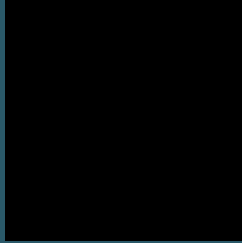
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

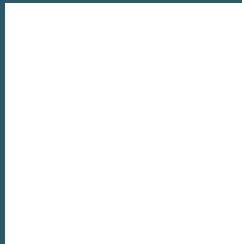
Any Text WCAG AAA × Fail

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

Hex 2A5969 Background



This preview shows how black text looks on a background with the Hex color 2A5969.



This preview shows how white text looks on a background with the Hex color 2A5969.

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](#).

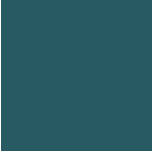
Dichromacy



Original Color
2A5969

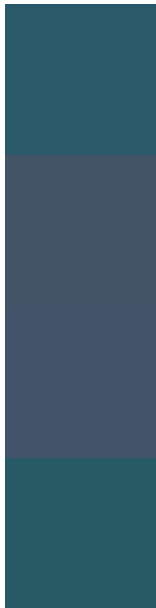
Protanopia
4F5264

Deuteranopia
4E516B



Tritanopia
275A62

Trichromacy



Original Color
2A5969

Protanomaly
425566

Deuteranomaly
41546A

Tritanomaly
285A65

Monochromacy



Original Color
2A5969

Achromatopsia
4D4D4D

Achromatomaly
405157

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A5969 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 #2A5969 looks like.

```
.text, #text, p{  
    color:#2A5969  
}
```

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 #2A5969 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A5969
}
```

Border

The CSS property to change the border of an element to Hex 2A5969 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
#2A5969 }
```

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

```
.border{ border-color:#2A5969 }
```

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

Here you see how a box with a 4 pixel #2A5969 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A5969; -webkit-box-shadow:4px 4px  
4px 4px #2A5969; box-shadow:4px 4px 4px  
4px #2A5969 }
```

Background

The CSS property to change the background color of an element to Hex 2A5969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A5969 }
```

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

```
.background{ background-color:#2A5969 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor