

Converting Colors

Hex(2A8569)

Have a look what the booklet for
Hex(2A8569) contains.

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Color

Hex(2A8569)

Conversions

Conversions Part 1

Format	Color
Hex	2A8569
RGB	42, 133, 105
RGB Percent	16%, 52%, 41%
CMY	0.8353, 0.4784, 0.5882
CMYK	0.68, 0.00, 0.21, 0.48
HSL	162°, 52%, 34%
HSV	162°, 68%, 52%
XYZ	11.8922, 18.2872, 16.2676
YIQ	102.5990, -45.2480, -28.0000

Conversions

Conversions Part 2

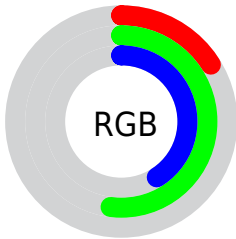
Format	Color
RYB	42, 96, 133
Decimal	2786665
CIELab	49.84, -33.73, 7.40
CIELCh	50, 34.527, 167.630
Yxy	18.2872, 0.2560, 0.3937
Android (android.graphics.Color)	4280976745 (0xFF2A8569)
YUV	102.5990, 1.1837, -53.1453
Hunter-Lab	42.7636, -25.1969, 7.3801




Details

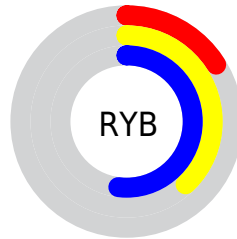
The Hex color **2A8569** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **852A46**, and the grayscale version is **676767**.




A 20% lighter version of the original color is **63BB9C**, and **00523A** is the 20% darker color. If you saturate the color by 10%, you get **1D8565**, and if you desaturate by 10%, it is **37856D**.

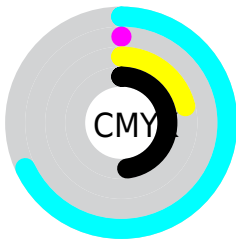
Distribution







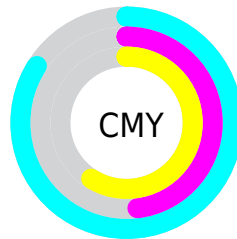
-  Red (16%)
-  Green (52%)
-  Blue (41%)






-  Red (16%)
-  Yellow (38%)
-  Blue (52%)



-  Cyan (68%)
-  Magenta (0%)
-  Yellow (21%)
-  Black (48%)



-  Cyan (84%)
-  Magenta (48%)
-  Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A8569 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 2A8569 by changing the saturation by 10% instead.



2A8569



2A8569

FFFFFF



006B51



63BB9C



00523A



7FD7B7



003B24



9BF3D3



00260F



B7FFE9



000000



D4FFFF



F1FFFF



2A8569



2A8569



1D8565



37856D

■ 0F8561

■ 458571

■ 02855D

■ 528575

■ 00855C

■ 5F8579

■ 6D857D

■ 7A8582

■ 878586

■ 94858A

■ A2858E

Harmonies

Analogous

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



56814E



2A8569



008687

Triad

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



2A8569



6674AE



A7664C

Complementary

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



2A8569



852A46

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.



AF5F66



2A8569



8F689E

Square

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



2A8569



297DAF



A76084



93713D

Rectangle

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



2A8569



008499



A76084



AB6354

Sweetspot

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



2A8569



89ADA2



47852A



415750



D6D6D6



575757

Same Dimension

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



2A8569



1FAD82



2A7485



3C4240



00825A



000302

Inverse Universe

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



852A46



AD1F4B



853B2A



423C3E



820028



030001

Previews

White Background



This preview shows how the Hex color 2A8569 looks on a white background.

Color Contrast Check

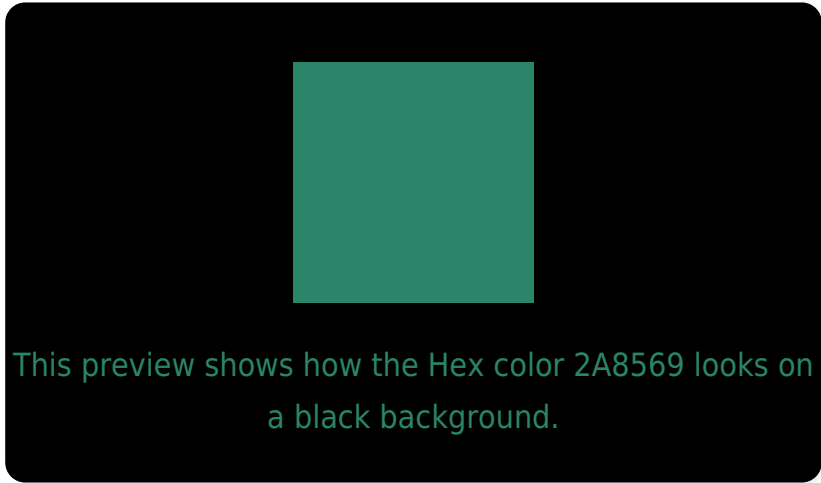
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

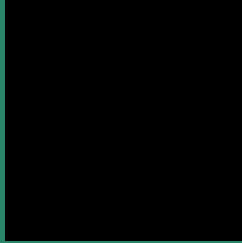
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2A8569 Background



This preview shows how black text looks on a background with the Hex color 2A8569.



This preview shows how white text looks on a background with the Hex color 2A8569.

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
2A8569

Protanopia
7D7661

Deuteranopia
84726D



Tritanopia
39808B

Trichromacy



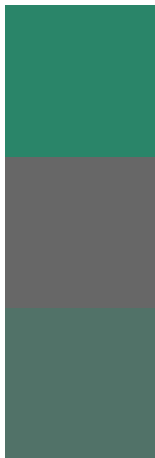
Original Color
2A8569

Protanomaly
5F7B64

Deuteranomaly
63796C

Tritanomaly
34827F

Monochromacy



Original Color
2A8569

Achromatopsia
676767

Achromatomaly
517268

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A8569 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 #2A8569 looks like.

```
.text, #text, p{  
    color:#2A8569  
}
```

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 #2A8569 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8569
}
```

Border

The CSS property to change the border of an element to Hex 2A8569 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
#2A8569 }
```

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

```
.border{ border-color:#2A8569 }
```

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

Here you see how a box with a 4 pixel #2A8569 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8569; -webkit-box-shadow:4px 4px  
4px 4px #2A8569; box-shadow:4px 4px 4px  
4px #2A8569 }
```

Background

The CSS property to change the background color of an element to Hex 2A8569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8569 }
```

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

```
.background{ background-color:#2A8569 }
```

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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