

Converting Colors

Hex(2859A6)

Have a look what the booklet for
Hex(2859A6) contains.

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Color

Hex(2859A6)

Conversions

Conversions Part 1

Format	Color
Hex	2859A6
RGB	40, 89, 166
RGB Percent	16%, 35%, 65%
CMY	0.8431, 0.6510, 0.3490
CMYK	0.76, 0.46, 0.00, 0.35
HSL	217°, 61%, 40%
HSV	217°, 76%, 65%
XYZ	11.3304, 10.3490, 37.4768
YIQ	83.1270, -53.9210, 13.5590

Conversions

Conversions Part 2

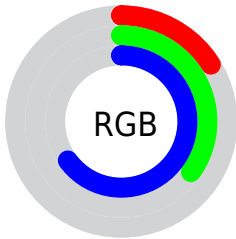
Format	Color
RYB	40, 75, 166
Decimal	2644390
CIELab	38.46, 11.33, -46.26
CIElCh	38, 47.630, 283.760
Yxy	10.3490, 0.1915, 0.1749
Android (android.graphics.Color)	4280834470 (0xFF2859A6)
YUV	83.1270, 40.8564, -37.8224
Hunter-Lab	32.1699, 6.5711, -46.5517

Details

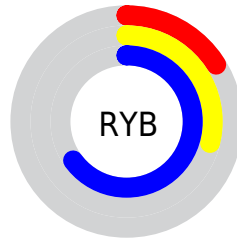
The Hex color **2859A6** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **A67528**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **678ADE**, and **002D71** is the 20% darker color. If you saturate the color by 10%, you get **174FA6**, and if you desaturate by 10%, it is **3963A6**.

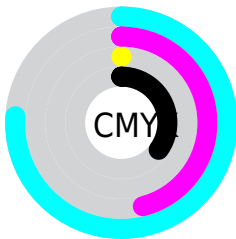
Distribution



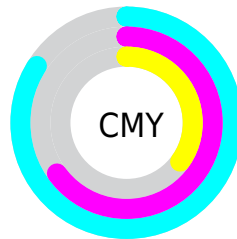
- Red (16%)
- Green (35%)
- Blue (65%)



- Red (16%)
- Yellow (29%)
- Blue (65%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)
- Black (35%)



- Cyan (84%)
- Magenta (65%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2859A6 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 2859A6 by changing the saturation by 10% instead.

■ 2859A6

■ 2859A6

FFFFFF

■ 00428B

■ 678ADE

■ 002D71

■ 84A5FA

■ 001958

■ A1C0FF

■ 000340

■ BEDBFF

■ 000329

■ DBF8FF

■ 000113

■ F9FFFF

■ 000000

■ 2859A6

■ 2859A6

■ 174FA6

■ 3963A6

0745A6

496DA6

0041A6

5A77A6

6A82A6

7B8CA6

8C96A6

9CA0A6

ADAAA6

BDB4A6

Harmonies

Analogous

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



0065A5



2859A6



734893

Triad

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



2859A6



964026



006B44

Complementary

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



2859A6



A67528

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.



30671E



2859A6



7E5105

Square

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



2859A6



A0344A



5D5E00



006C6C

Rectangle

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



2859A6



8C3C7D



5D5E00



006A36

Sweetspot

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



2859A6



A7BAD9



28A674



4F5B6E



EDEDED



6E6E6E

Same Dimension

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



2859A6



1460D9



3528A6



4C4F54



003A94



000814

Inverse Universe

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



A62859



D91460



99A628



544C4F



94003A



140008

Previews

White Background



This preview shows how the Hex color 2859A6 looks on a white background.

Color Contrast Check

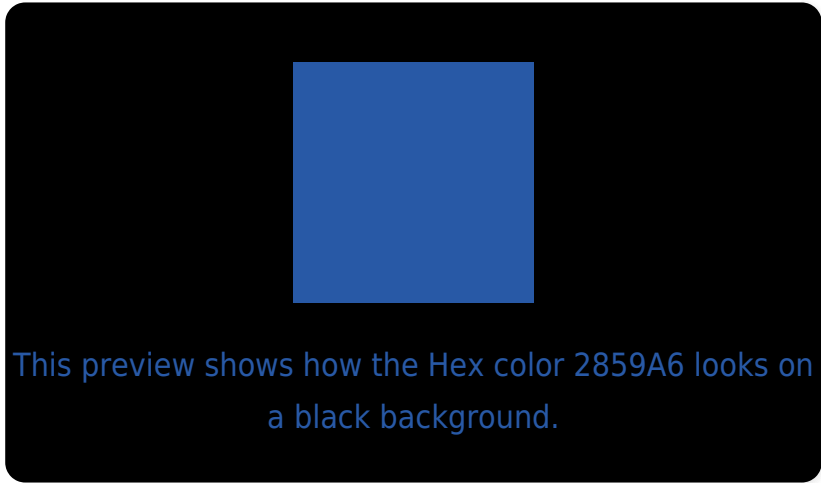
Large Text (above 18pt) WCAG AA ✓ Pass

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 × 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 2859A6 Background



This preview shows how black text looks on a background with the Hex color 2859A6.

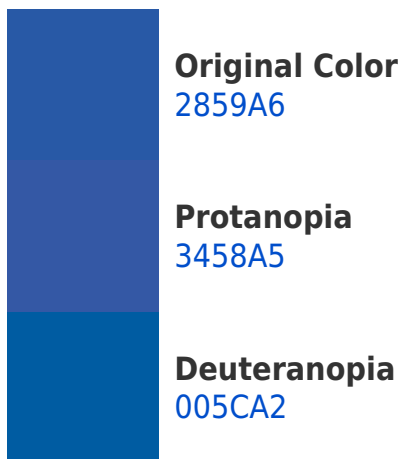


This preview shows how white text looks on a background with the Hex color 2859A6.

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](#).

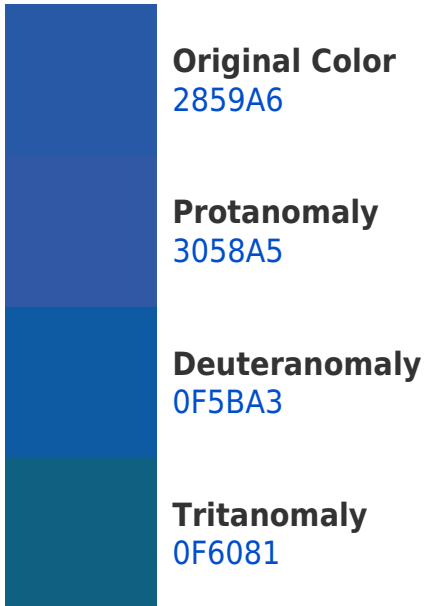
Dichromacy





Tritanopia
00646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2859A6 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 #2859A6 looks like.

```
.text, #text, p{  
    color:#2859A6  
}
```

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 #2859A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2859A6
}
```

Border

The CSS property to change the border of an element to Hex 2859A6 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
#2859A6 }
```

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

```
.border{ border-color:#2859A6 }
```

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

Here you see how a box with a 4 pixel #2859A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2859A6; -webkit-box-shadow:4px 4px  
4px 4px #2859A6; box-shadow:4px 4px 4px  
4px #2859A6 }
```

Background

The CSS property to change the background color of an element to Hex 2859A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2859A6 }
```

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

```
.background{ background-color:#2859A6 }
```

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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