

Converting Colors

Hex(259EA7)

Have a look what the booklet for
Hex(259EA7) contains.

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Color

Hex(259EA7)

Conversions

Conversions Part 1

Format	Color
Hex	259EA7
RGB	37, 158, 167
RGB Percent	15%, 62%, 65%
CMY	0.8549, 0.3804, 0.3451
CMYK	0.78, 0.05, 0.00, 0.35
HSL	184°, 64%, 40%
HSV	184°, 78%, 65%
XYZ	19.9649, 27.6371, 40.8414
YIQ	122.8470, -75.0050, -22.8530

Conversions

Conversions Part 2

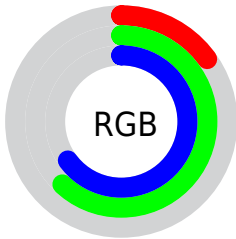
Format	Color
RYB	37, 100, 167
Decimal	2465447
CIELab	59.56, -28.47, -13.96
CIElCh	60, 31.706, 206.127
Yxy	27.6371, 0.2257, 0.3125
Android (android.graphics.Color)	428065527 (0xFF259EA7)
YUV	122.8470, 21.7674, -75.2878
Hunter-Lab	52.5710, -24.2103, -9.2617

Details

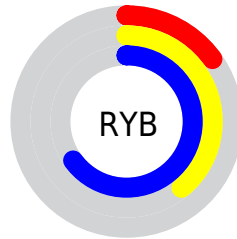
The Hex color **259EA7** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A72E25**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **69D5DE**, and **006A73** is the 20% darker color. If you saturate the color by 10%, you get **149DA7**, and if you desaturate by 10%, it is **369FA7**.

Distribution



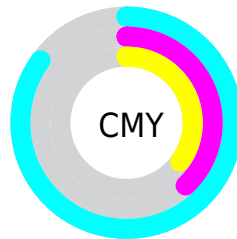
- Red (15%)
- Green (62%)
- Blue (65%)



- Red (15%)
- Yellow (39%)
- Blue (65%)



- Cyan (78%)
- Magenta (5%)
- Yellow (0%)
- Black (35%)



- Cyan (85%)
- Magenta (38%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 259EA7 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 259EA7 by changing the saturation by 10% instead.

259EA7

259EA7

FFFFFF

00848D

69D5DE

006A73

87F2FB

00515B

A5FFFF

003A43

C2FFFF

00252D

E0FFFF

000119

FEFFFF

000000

259EA7

259EA7

149DA7

369FA7

049CA7

46A0A7

009BA7

57A1A7

68A3A7

79A4A7

89A5A7

9AA6A7

ABA7A7

BBA8A7

Harmonies

Analogous

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



459E8B



259EA7



349ABD

Triad

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



259EA7



AF80AF



A58C58

Complementary

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



259EA7



A72E25

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.



BB8362



259EA7



C27A94

Square

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



259EA7



8E8AC1



C67C78



89955D

Rectangle

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



259EA7



5296C5



C67C78



AE8959

Sweetspot

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



259EA7



A7D5D9



25A72E



4F6C6E



EDEDED



6E6E6E

Same Dimension

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



259EA7



0FCBD9



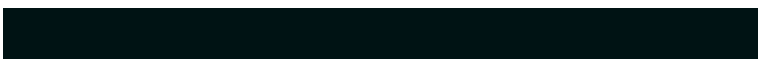
255DA7



4C5454



008A94



001314

Inverse Universe

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



A7259E



D90FCB



A76F25



544C54



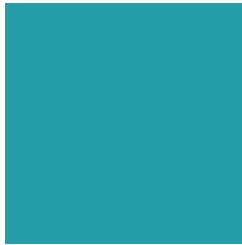
94008A



140013

Previews

White Background



This preview shows how the Hex color 259EA7 looks on a white 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

Black Background



This preview shows how the Hex color 259EA7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

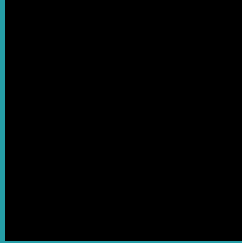
Any Text WCAG AA ✓ Pass

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 259EA7 Background



This preview shows how black text looks on a background with the Hex color 259EA7.

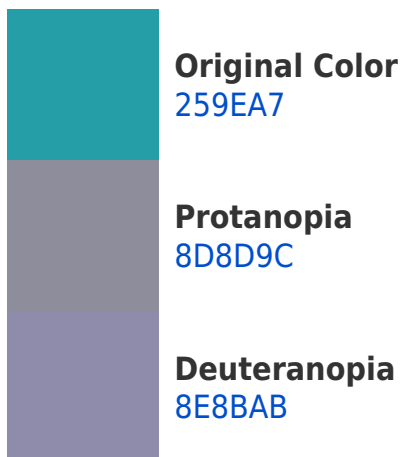


This preview shows how white text looks on a background with the Hex color 259EA7.

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](#).

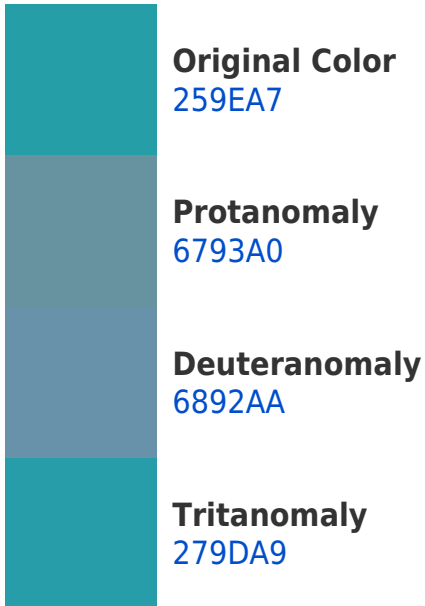
Dichromacy





Tritanopia
289DAA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 259EA7 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 #259EA7 looks like.

```
.text, #text, p{  
    color:#259EA7  
}
```

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 #259EA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #259EA7
}
```

Border

The CSS property to change the border of an element to Hex 259EA7 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
#259EA7 }
```

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

```
.border{ border-color:#259EA7 }
```

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

Here you see how a box with a 4 pixel #259EA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #259EA7; -webkit-box-shadow:4px 4px  
4px 4px #259EA7; box-shadow:4px 4px 4px  
4px #259EA7 }
```

Background

The CSS property to change the background color of an element to Hex 259EA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#259EA7 }
```

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

```
.background{ background-color:#259EA7 }
```

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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