

Converting Colors

Hex(249CB6)

Have a look what the booklet for
Hex(249CB6) contains.

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Color

Hex(249CB6)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 249CB6 |
| RGB | 36, 156, 182 |
| RGB Percent | 14%, 61%, 71% |
| CMY | 0.8588, 0.3882, 0.2863 |
| CMYK | 0.80, 0.14, 0.00, 0.29 |
| HSL | 191°, 67%, 43% |
| HSV | 191°, 80%, 71% |
| XYZ | 21.0595, 27.5294, 48.4597 |
| YIQ | 123.0840, -79.8660, -17.3540 |

Conversions

Conversions Part 2

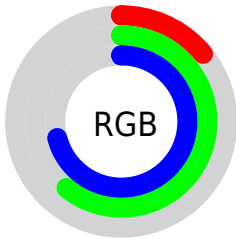
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 36, 102, 182 |
| Decimal | 2399414 |
| CIE _{Lab} | 59.46, -22.71, -22.59 |
| CIE _{LCh} | 59, 32.033, 224.857 |
| Yxy | 27.5294, 0.2170, 0.2837 |
| Android (android.graphics.Color) | 4280589494 (0xFF249CB6) |
| YUV | 123.0840, 29.0456, -76.3727 |
| Hunter-Lab | 52.4685, -20.1744, -18.0321 |

Details

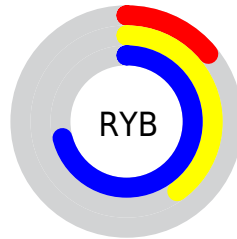
The Hex color **249CB6** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **B63E24**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **6BD3EE**, and **006881** is the 20% darker color. If you saturate the color by 10%, you get **1299B6**, and if you desaturate by 10%, it is **369FB6**.

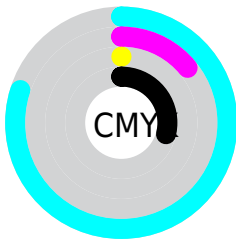
Distribution



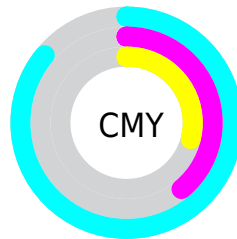
- Red (14%)
- Green (61%)
- Blue (71%)



- Red (14%)
- Yellow (40%)
- Blue (71%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (39%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249CB6 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 249CB6 by changing the saturation by 10% instead.

 249CB6

 249CB6

FFFFFF

 00829B

 6BD3EE

 006881

 89EFFF

 005068

 A7FFFF

 003950

 C5FFFF

 002339

 E3FFFF

 000223

 00000B

 000000

 249CB6

 249CB6

1299B6

369FB6

0096B6

48A2B6

5BA6B6

6DA9B6

7FACB6

91AFB6

A3B3B6

B6B6B6

C8B9B6

Harmonies

Analogous

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



2C9E9D



249CB6



4F96C5

Triad

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



249CB6



BD7B9F



949258

Complementary

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



249CB6



B63E24

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.



AE8959



249CB6



C67A82

Square

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



249CB6



A483B7



C17F69



749966

Rectangle

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



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6F90C7



C17F69



9D8F57

Sweetspot

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



249CB6



B4E3ED



24B63C



557278



F7F7F7



787878

Same Dimension

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



249CB6



09C5ED



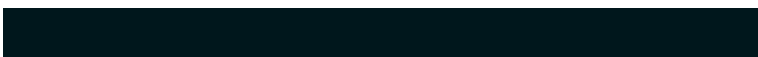
2455B6



535A5C



00809C



00171C

Inverse Universe

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



B6249C



ED09C5



B68524



5C535A



9C0080



1C0017

Previews

White Background



This preview shows how the Hex color 249CB6 looks on a white background.

Color Contrast Check

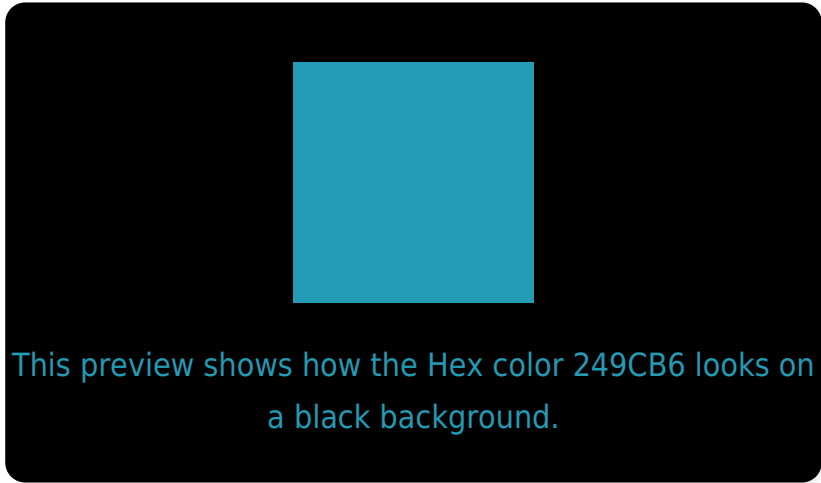
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 249CB6 Background



This preview shows how black text looks on a background with the Hex color 249CB6.

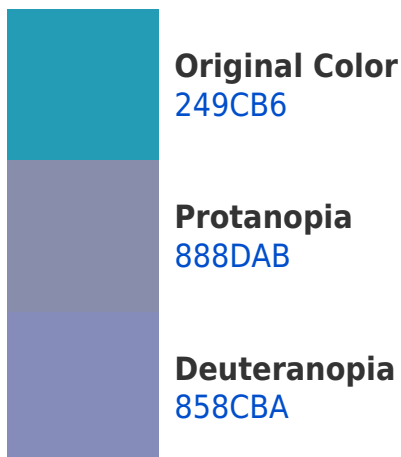


This preview shows how white text looks on a background with the Hex color 249CB6.

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](#).

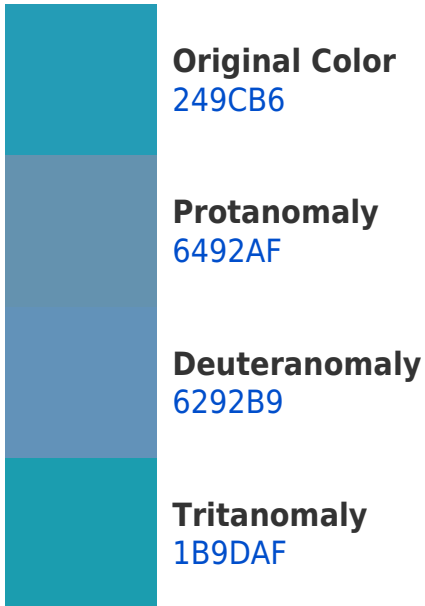
Dichromacy





Tritanopia
169EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249CB6 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 #249CB6 looks like.

```
.text, #text, p{  
    color:#249CB6  
}
```

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 #249CB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249CB6  
}
```

Border

The CSS property to change the border of an element to Hex 249CB6 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  
#249CB6 }
```

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

```
.border{ border-color:#249CB6 }
```

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

Here you see how a box with a 4 pixel #249CB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249CB6; -webkit-box-shadow:4px 4px  
4px 4px #249CB6; box-shadow:4px 4px 4px  
4px #249CB6 }
```

Background

The CSS property to change the background color of an element to Hex 249CB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249CB6 }
```

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

```
.background{ background-color:#249CB6 }
```

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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