

Converting Colors

Hex(249EB2)

Have a look what the booklet for
Hex(249EB2) contains.

Hex(249EB2)	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(249EB2)

Conversions

Conversions Part 1

Format	Color
Hex	249EB2
RGB	36, 158, 178
RGB Percent	14%, 62%, 70%
CMY	0.8588, 0.3804, 0.3020
CMYK	0.80, 0.11, 0.00, 0.30
HSL	188°, 66%, 42%
HSV	188°, 80%, 70%
XYZ	20.9903, 28.0431, 46.4260
YIQ	123.8020, -79.1320, -19.6440

Conversions

Conversions Part 2

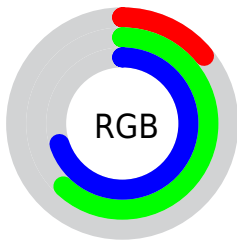
Format	Color
R_{YB}	36, 102, 178
Decimal	2399922
CIE _{Lab}	59.93, -25.05, -19.62
CIE _{LCh}	60, 31.820, 218.073
Y _{xy}	28.0431, 0.2199, 0.2938
Android (android.graphics.Color)	4280590002 (0xFF249EB2)
YUV	123.8020, 26.7196, -77.0024
Hunter-Lab	52.9558, -21.9198, -14.9102

Details

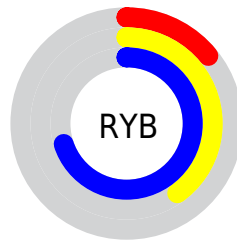
The Hex color **249EB2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B23824**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6AD5EA**, and **006A7D** is the 20% darker color. If you saturate the color by 10%, you get **129BB2**, and if you desaturate by 10%, it is **36A1B2**.

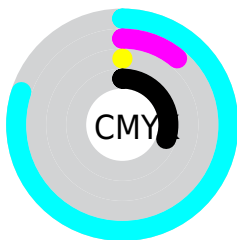
Distribution



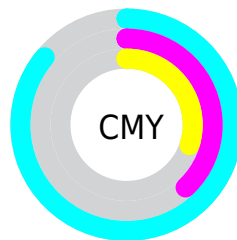
- Red (14%)
- Green (62%)
- Blue (70%)



- Red (14%)
- Yellow (40%)
- Blue (70%)



- Cyan (80%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



- Cyan (86%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 249EB2 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 249EB2 by changing the saturation by 10% instead.



249EB2



249EB2

FFFFFF



008497



6AD5EA



006A7D



88F1FF



005264



A6FFFF



003A4C



C4FFFF



002536



E2FFFF



000221



000005



000000



249EB2



249EB2

■ 129BB2

■ 36A1B2

■ 0099B2

■ 48A3B2

■ 59A6B2

■ 6BA8B2

■ 7DABB2

■ 8FADB2

■ A1B0B2

■ B2B2B2

■ C4B5B2

Harmonies

Analogous

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



37A097



249EB2



4699C4

Triad

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



249EB2



BA7EA6



9C9158

Complementary

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



249EB2



B23824

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.



B5885D



249EB2



C77B8A

Square

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



249EB2



9E86BD



C47F6F



7D9963

Rectangle

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



249EB2



6694C8



C47F6F



A58E58

Sweetspot

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



249EB2



B0E0E8



24B237



537175



F5F5F5



757575

Same Dimension

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



249EB2



09C9E8



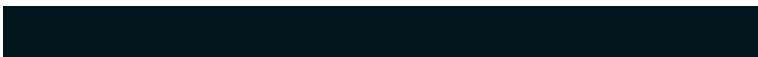
2458B2



505859



008399



00161A

Inverse Universe

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



B2249E



E809C9



B27E24



595058



990083



1A0016

Previews

White Background



This preview shows how the Hex color 249EB2 looks on a white background.

Color Contrast Check

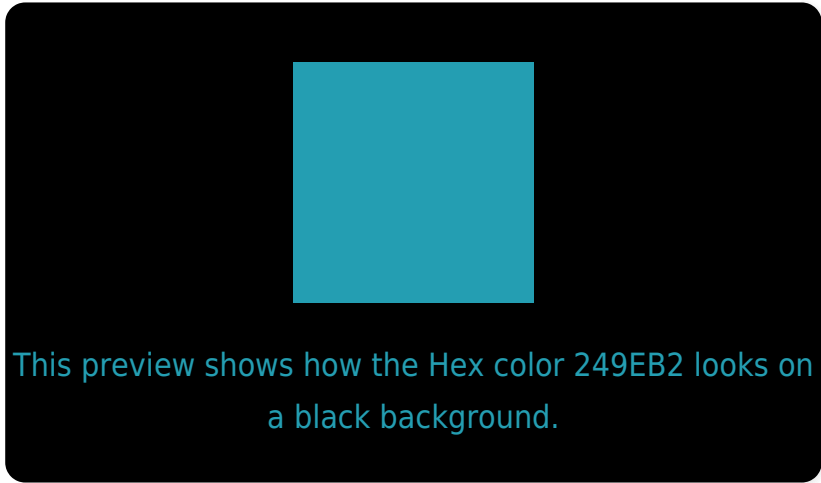
Large Text (above 18pt) WCAG AA ✓ Pass

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

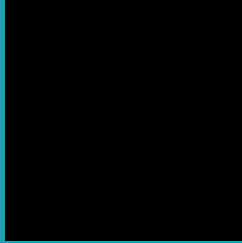
Any Text WCAG AA ✓ Pass

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 249EB2 Background



This preview shows how black text looks on a background with the Hex color 249EB2.

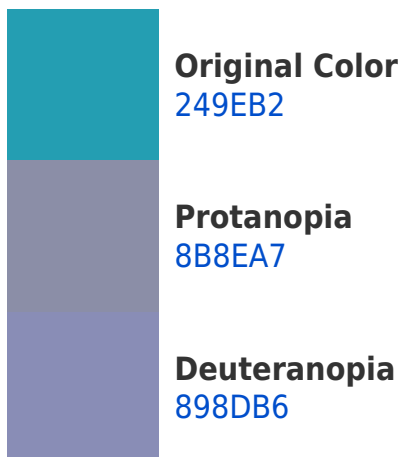


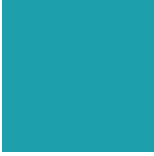
This preview shows how white text looks on a background with the Hex color 249EB2.

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](#).

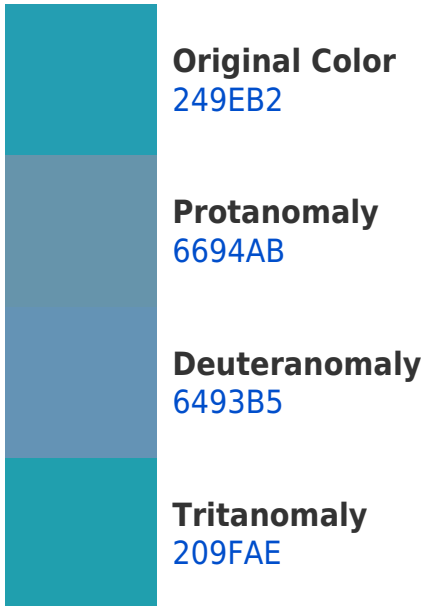
Dichromacy





Tritanopia
1D9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 249EB2 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 #249EB2 looks like.

```
.text, #text, p{  
    color:#249EB2  
}
```

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 #249EB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #249EB2
}
```

Border

The CSS property to change the border of an element to Hex 249EB2 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
#249EB2 }
```

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

```
.border{ border-color:#249EB2 }
```

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

Here you see how a box with a 4 pixel #249EB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #249EB2; -webkit-box-shadow:4px 4px  
4px 4px #249EB2; box-shadow:4px 4px 4px  
4px #249EB2 }
```

Background

The CSS property to change the background color of an element to Hex 249EB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#249EB2 }
```

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

```
.background{ background-color:#249EB2 }
```

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