

Converting Colors

Hex(2485A9)

Have a look what the booklet for
Hex(2485A9) contains.

Hex(2485A9)	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(2485A9)

Conversions

Conversions Part 1

Format	Color
Hex	2485A9
RGB	36, 133, 169
RGB Percent	14%, 52%, 66%
CMY	0.8588, 0.4784, 0.3373
CMYK	0.79, 0.21, 0.00, 0.34
HSL	196°, 65%, 40%
HSV	196°, 79%, 66%
XYZ	16.2765, 20.0147, 40.5415
YIQ	108.1010, -69.3680, -9.3680

Conversions

Conversions Part 2

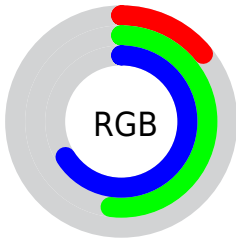
Format	Color
R _Y B	36, 92, 169
Decimal	2393513
CIE Lab	51.85, -14.81, -26.89
CIE LCh	52, 30.704, 241.151
Yxy	20.0147, 0.2118, 0.2605
Android (android.graphics.Color)	4280583593 (0xFF2485A9)
YUV	108.1010, 30.0232, -63.2326
Hunter-Lab	44.7378, -13.3492, -22.4123

Details

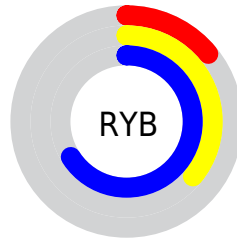
The Hex color **2485A9** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **A94824**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **66BAE0**, and **005375** is the 20% darker color. If you saturate the color by 10%, you get **1380A9**, and if you desaturate by 10%, it is **358AA9**.

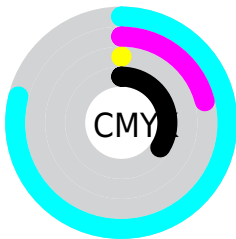
Distribution



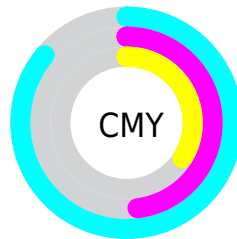
- Red (14%)
- Green (52%)
- Blue (66%)



- Red (14%)
- Yellow (36%)
- Blue (66%)



- Cyan (79%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)



- Cyan (86%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2485A9 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 2485A9 by changing the saturation by 10% instead.

■ 2485A9

■ 2485A9

FFFFFF

■ 006C8E

■ 66BAE0

■ 005375

■ 84D6FD

■ 003C5C

■ A1F2FF

■ 002644

■ BEFFFF

■ 000F2E

■ DCFFFF

■ 000119

■ FAFFFF

■ 000000

■ 2485A9

■ 2485A9

■ 1380A9

■ 358AA9

027CA9

468EA9

007BA9

5793A9

6897A9

799CA9

89A0A9

9AA5A9

ABAAA9

BCAEA9

Harmonies

Analogous

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



008996



2485A9



567EB0

Triad

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



2485A9



AD677C



70824E

Complementary

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



2485A9



A94824

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.



8C7A47



2485A9



AD6962

Square

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



2485A9



9E6B95



A1714E



518761

Rectangle

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



2485A9



7378AD



A1714E



7A804A

Sweetspot

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



2485A9



A7CDDB



24A947



4E656E



EDEDED



6E6E6E

Same Dimension

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



2485A9



0DA4DB



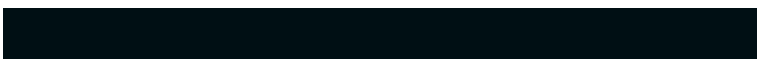
2443A9



4C5254



006C94



000F14

Inverse Universe

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



A92485



DB0DA4



A98A24



544C52



94006C



14000F

Previews

White Background



This preview shows how the Hex color 2485A9 looks on a white background.

Color Contrast Check

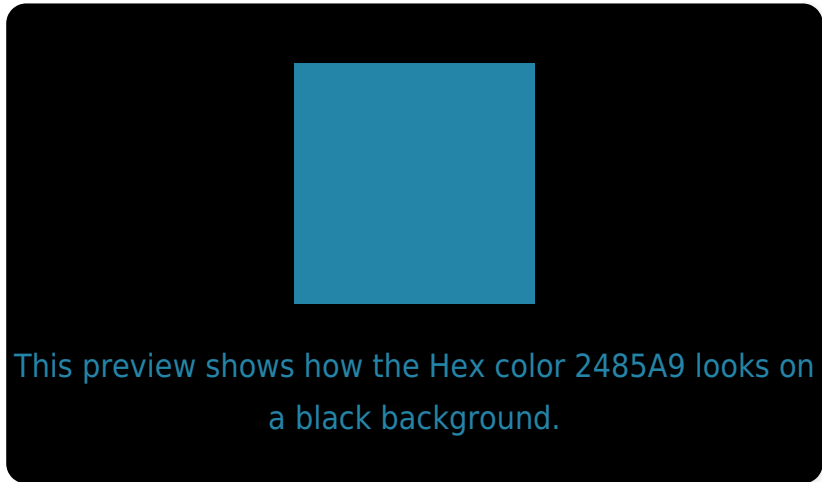
Large Text (above 18pt) WCAG AA ✓ Pass

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

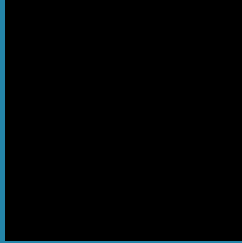
Any Text WCAG AA ✓ Pass

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 2485A9 Background



This preview shows how black text looks on a background with the Hex color 2485A9.

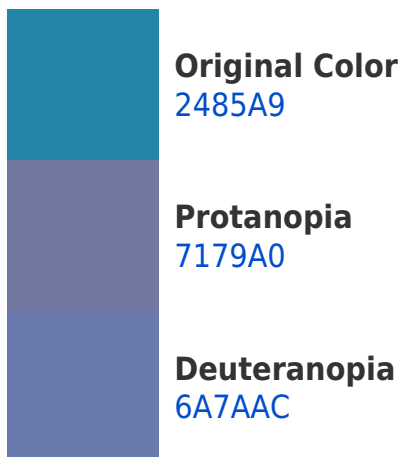


This preview shows how white text looks on a background with the Hex color 2485A9.

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](#).

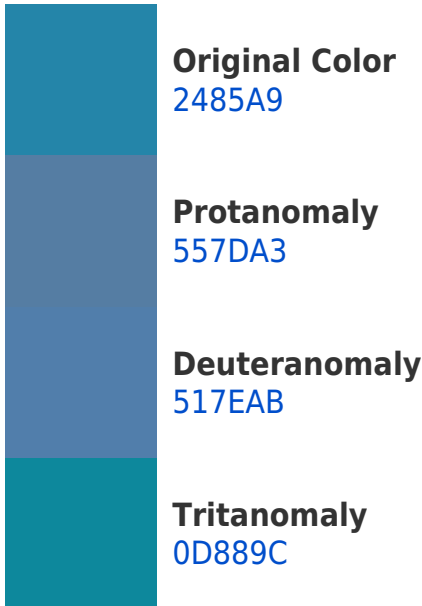
Dichromacy



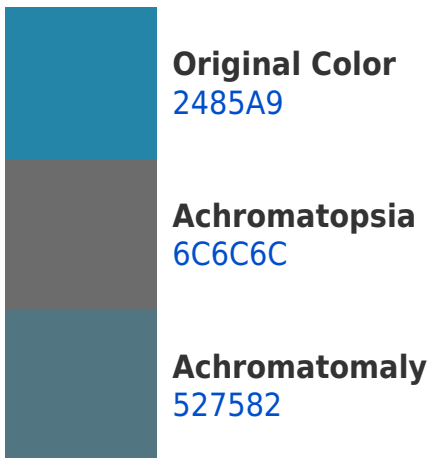


Tritanopia
008994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2485A9 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 #2485A9 looks like.

```
.text, #text, p{  
    color:#2485A9  
}
```

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 #2485A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2485A9
}
```

Border

The CSS property to change the border of an element to Hex 2485A9 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
#2485A9 }
```

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

```
.border{ border-color:#2485A9 }
```

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

Here you see how a box with a 4 pixel #2485A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2485A9; -webkit-box-shadow:4px 4px  
4px 4px #2485A9; box-shadow:4px 4px 4px  
4px #2485A9 }
```

Background

The CSS property to change the background color of an element to Hex 2485A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2485A9 }
```

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

```
.background{ background-color:#2485A9 }
```

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