

Converting Colors

Hex(248C9A)

Have a look what the booklet for
Hex(248C9A) contains.

Hex(248C9A)	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(248C9A)

Conversions

Conversions Part 1

Format	Color
Hex	248C9A
RGB	36, 140, 154
RGB Percent	14%, 55%, 60%
CMY	0.8588, 0.4510, 0.3961
CMYK	0.77, 0.09, 0.00, 0.40
HSL	187°, 62%, 37%
HSV	187°, 77%, 60%
XYZ	15.9384, 21.4643, 33.8748
YIQ	110.5000, -66.4780, -17.6940

Conversions

Conversions Part 2

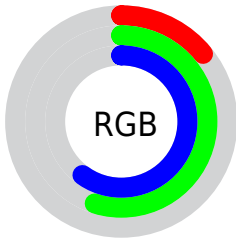
Format	Color
RYB	36, 91, 154
Decimal	2395290
CIELab	53.45, -23.65, -15.77
CIELCh	53, 28.425, 213.700
Yxy	21.4643, 0.2236, 0.3011
Android (android.graphics.Color)	4280585370 (0xFF248C9A)
YUV	110.5000, 21.4455, -65.3365
Hunter-Lab	46.3296, -19.6690, -10.9204

Details

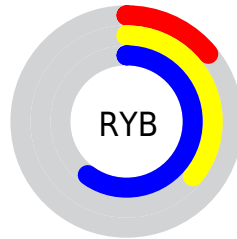
The Hex color **248C9A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3224**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65C2D0**, and **005967** is the 20% darker color. If you saturate the color by 10%, you get **158A9A**, and if you desaturate by 10%, it is **338E9A**.

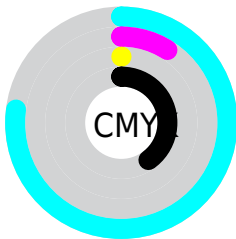
Distribution



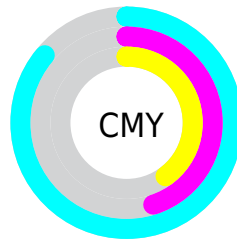
- Red (14%)
- Green (55%)
- Blue (60%)



- Red (14%)
- Yellow (36%)
- Blue (60%)



- Cyan (77%)
- Magenta (9%)
- Yellow (0%)
- Black (40%)



- Cyan (86%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 248C9A 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 248C9A by changing the saturation by 10% instead.

 248C9A

 248C9A

FFFFFF

 007280

 65C2D0

 005967

 82DEED

 00424F

 9FFBFF

 002B38

 BCFFFF

 001623

 D9FFFF

 00000B

 F7FFFF

 000000

 248C9A

 248C9A

 158A9A

 338E9A

05889A

43909A

00889A

52919A

62939A

71959A

80979A

90999A

9F9B9A

AF9C9A

Harmonies

Analogous

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



378D82



248C9A



3B88AB

Triad

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



248C9A



A17096



8D7F4E

Complementary

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



248C9A



9A3224

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.



A27754



248C9A



AF6D7E

Square

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



248C9A



8778A8



AE7066



738656

Rectangle

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



248C9A



5584B0



AE7066



957C4F

Sweetspot

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



248C9A



9BC4C9



249A32



496366



E6E6E6



666666

Same Dimension

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



248C9A



10B3C9



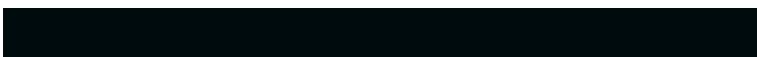
24519A



454C4D



007C8C



000B0D

Inverse Universe

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



9A248C



C910B3



9A6D24



4D454C



8C007C



0D000B

Previews

White Background



This preview shows how the Hex color 248C9A looks on a white background.

Color Contrast Check

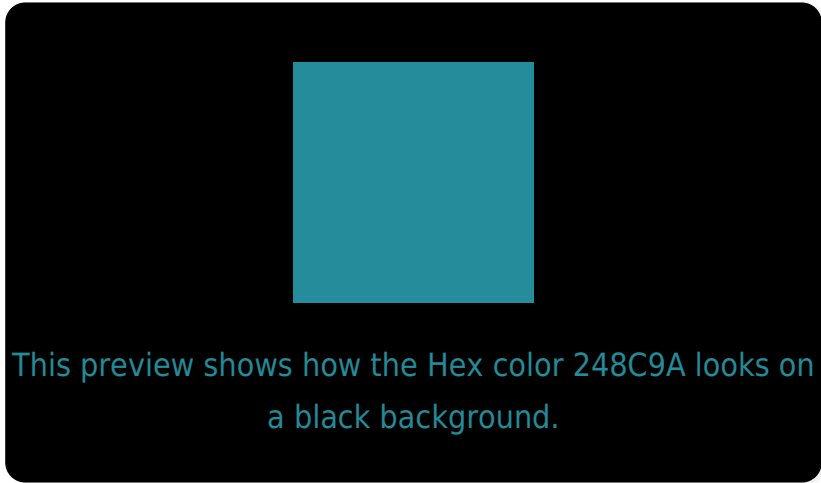
Large Text (above 18pt) WCAG AA ✓ Pass

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

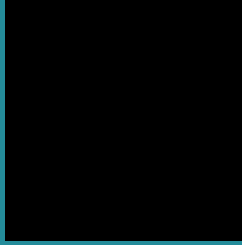
Any Text WCAG AA ✓ Pass

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 248C9A Background



This preview shows how black text looks on a background with the Hex color 248C9A.



This preview shows how white text looks on a background with the Hex color 248C9A.

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
228C98

Trichromacy



Original Color
248C9A

Protanomaly
5C8394

Deuteranomaly
5C829C

Tritanomaly
238C99

Monochromacy



Original Color
248C9A

Achromatopsia
6F6F6F

Achromatomaly
547A7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 248C9A 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 #248C9A looks like.

```
.text, #text, p{  
    color:#248C9A  
}
```

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 #248C9A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #248C9A
}
```

Border

The CSS property to change the border of an element to Hex 248C9A 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
#248C9A }
```

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

```
.border{ border-color:#248C9A }
```

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

Here you see how a box with a 4 pixel #248C9A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #248C9A; -webkit-box-shadow:4px 4px  
4px 4px #248C9A; box-shadow:4px 4px 4px  
4px #248C9A }
```

Background

The CSS property to change the background color of an element to Hex 248C9A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#248C9A }
```

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

```
.background{ background-color:#248C9A }
```

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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