

Converting Colors

Hex(4D9EB1)

Have a look what the booklet for
Hex(4D9EB1) contains.

Hex(4D9EB1)	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(4D9EB1)

Conversions

Conversions Part 1

Format	Color
Hex	4D9EB1
RGB	77, 158, 177
RGB Percent	30%, 62%, 69%
CMY	0.6980, 0.3804, 0.3059
CMYK	0.56, 0.11, 0.00, 0.31
HSL	191°, 39%, 50%
HSV	191°, 56%, 69%
XYZ	23.2232, 29.2058, 46.0083
YIQ	135.9470, -54.3750, -11.2630

Conversions

Conversions Part 2

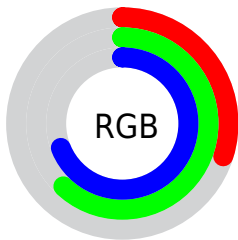
Format	Color
RYB	77, 122, 177
Decimal	5086897
CIELab	60.96, -19.15, -17.39
CIElCh	61, 25.867, 222.229
Yxy	29.2058, 0.2359, 0.2967
Android (android.graphics.Color)	4283276977 (0xFF4D9EB1)
YUV	135.9470, 20.2391, -51.6965
Hunter-Lab	54.0424, -17.8688, -12.6460

Details

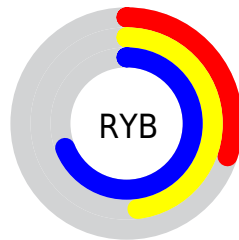
The Hex color **4D9EB1** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B1604D**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **86D5E9**, and **006A7C** is the 20% darker color. If you saturate the color by 10%, you get **3B9BB1**, and if you desaturate by 10%, it is **5FA1B1**.

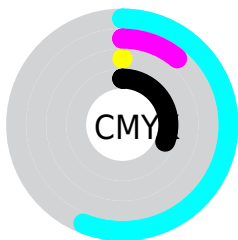
Distribution



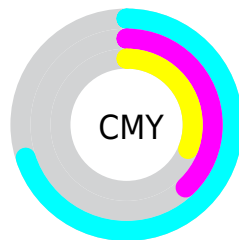
- Red (30%)
- Green (62%)
- Blue (69%)



- Red (30%)
- Yellow (48%)
- Blue (69%)



- Cyan (56%)
- Magenta (11%)
- Yellow (0%)
- Black (31%)



- Cyan (70%)
- Magenta (38%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D9EB1 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 4D9EB1 by changing the saturation by 10% instead.

 4D9EB1

 4D9EB1

FFFFFF

 2E8496

 86D5E9

 006A7C

 A2F1FF

 005263

 BFFFFFF

 003B4C

 DCFFFF

 002535

 FAFFFF

 000820

 000004

 000000

 4D9EB1

 4D9EB1

3B9BB1

5FA1B1

2A97B1

70A5B1

1894B1

82A8B1

0691B1

94ABB1

008FB1

A5AFB1

B7B2B1

C9B6B1

DBB9B1

ECBCB1

Harmonies

Analogous

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



50A09C



4D9EB1



6399BE

Triad

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



4D9EB1



B884A2



9A9566

Complementary

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



4D9EB1



B1604D

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.



AF8D68



4D9EB1



C1828A

Square

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



4D9EB1



A28AB5



BD8675



809B71

Rectangle

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



4D9EB1



7895C0



BD8675



A29265

Sweetspot

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



4D9EB1



BEDEE6



4DB15F



5C6E73



F2F2F2



737373

Same Dimension

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



4D9EB1



49C8E6



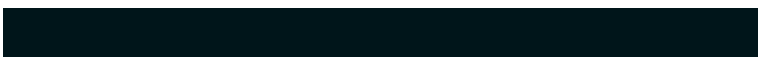
4D6DB1



505859



007C99



00151A

Inverse Universe

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



B14D9E



E649C8



B1914D



595058



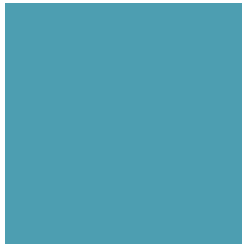
99007C



1A0015

Previews

White Background



This preview shows how the Hex color 4D9EB1 looks on a white background.

Color Contrast Check

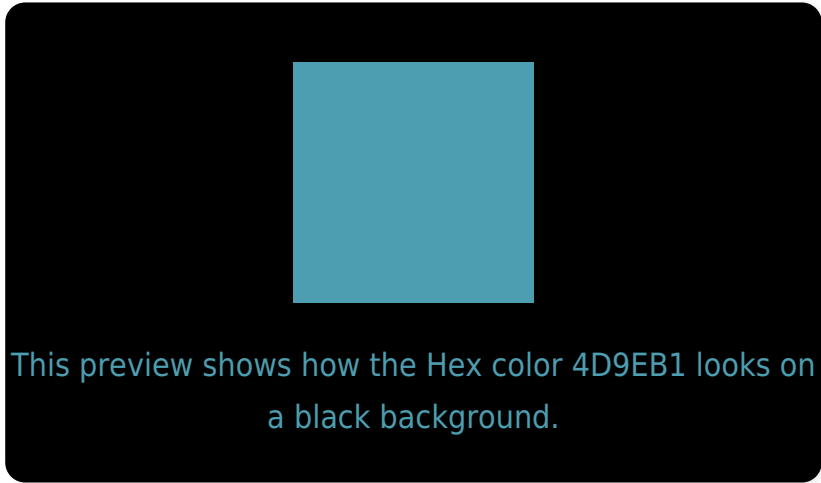
Large Text (above 18pt) WCAG AA ✓ Pass

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

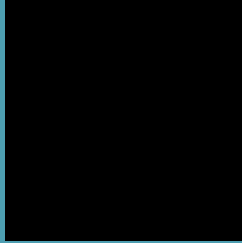
Any Text WCAG AA ✓ Pass

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 4D9EB1 Background



This preview shows how black text looks on a background with the Hex color 4D9EB1.

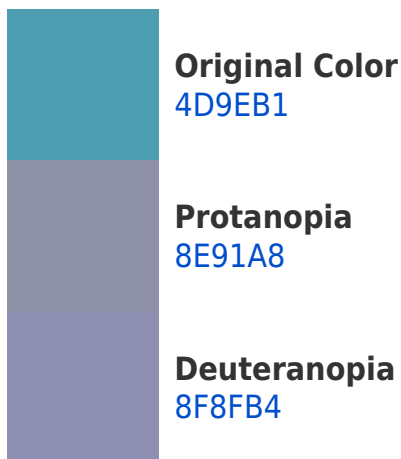


This preview shows how white text looks on a background with the Hex color 4D9EB1.

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](#).

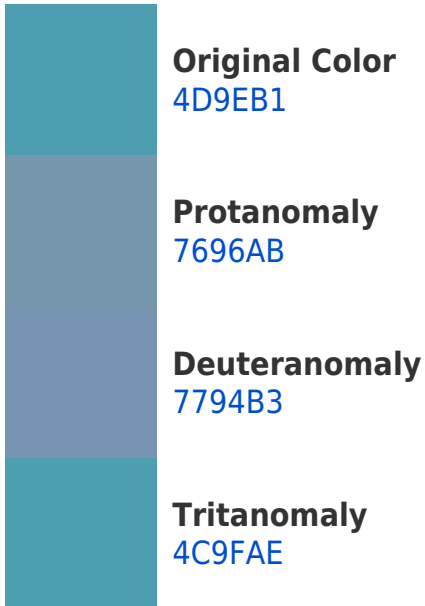
Dichromacy





Tritanopia
4B9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D9EB1 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 #4D9EB1 looks like.

```
.text, #text, p{  
    color:#4D9EB1  
}
```

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 #4D9EB1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D9EB1  
}
```

Border

The CSS property to change the border of an element to Hex 4D9EB1 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  
#4D9EB1 }
```

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

```
.border{ border-color:#4D9EB1 }
```

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

Here you see how a box with a 4 pixel #4D9EB1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D9EB1; -webkit-box-shadow:4px 4px  
4px 4px #4D9EB1; box-shadow:4px 4px 4px  
4px #4D9EB1 }
```

Background

The CSS property to change the background color of an element to Hex 4D9EB1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D9EB1 }
```

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

```
.background{ background-color:#4D9EB1 }
```

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