

Converting Colors

Hex(4DA2B4)

Have a look what the booklet for
Hex(4DA2B4) contains.

Hex(4DA2B4)	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(4DA2B4)

Conversions

Conversions Part 1

Format	Color
Hex	4DA2B4
RGB	77, 162, 180
RGB Percent	30%, 64%, 71%
CMY	0.6980, 0.3647, 0.2941
CMYK	0.57, 0.10, 0.00, 0.29
HSL	190°, 41%, 50%
HSV	190°, 57%, 71%
XYZ	24.2191, 30.7137, 47.8319
YIQ	138.6370, -56.4380, -12.4220

Conversions

Conversions Part 2

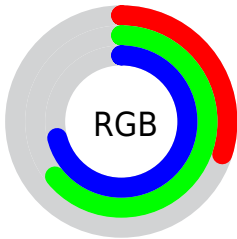
Format	Color
RYB	77, 124, 180
Decimal	5087924
CIELab	62.27, -20.36, -17.10
CIELCh	62, 26.588, 220.019
Yxy	30.7137, 0.2357, 0.2989
Android (android.graphics.Color)	4283278004 (0xFF4DA2B4)
YUV	138.6370, 20.3920, -54.0556
Hunter-Lab	55.4200, -18.9785, -12.3780

Details

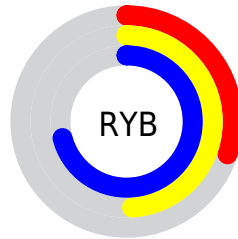
The Hex color **4DA2B4** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **B45F4D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **86D9EC**, and **006E7F** is the 20% darker color. If you saturate the color by 10%, you get **3B9FB4**, and if you desaturate by 10%, it is **5FA5B4**.

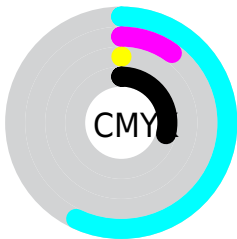
Distribution



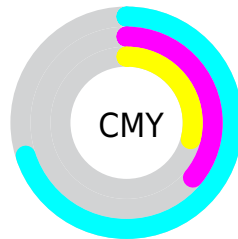
- Red (30%)
- Green (64%)
- Blue (71%)



- Red (30%)
- Yellow (49%)
- Blue (71%)



- Cyan (57%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (70%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4DA2B4 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 4DA2B4 by changing the saturation by 10% instead.



4DA2B4



4DA2B4

FFFFFF



2D8899



86D9EC



006E7F



A3F6FF



005666



C0FFFF



003E4E



DDFFFF



002837



FBFFFF



001022



000009



000000



4DA2B4



4DA2B4

■ 3B9FB4

■ 5FA5B4

■ 299CB4

■ 71A8B4

■ 1799B4

■ 83ABB4

■ 0595B4

■ 95AFB4

■ 0095B4

■ A7B2B4

■ B9B5B4

■ CBB8B4

■ DDBBB4

■ EFBEB4

Harmonies

Analogous

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



53A49E



4DA2B4



629DC2

Triad

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



4DA2B4



BB87A7



9F9868

Complementary

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



4DA2B4



B45F4D

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.



B5906B



4DA2B4



C5858F

Square

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



4DA2B4



A48EBB



C38879



859E72

Rectangle

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



4DA2B4



7899C5



C38879



A79567

Sweetspot

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



4DA2B4



C3E4EB



4DB45E



5E7175



F5F5F5



757575

Same Dimension

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



4DA2B4



49CEEB



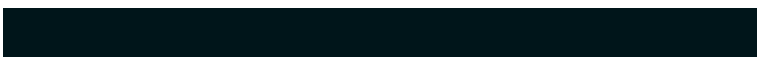
4D6FB4



505859



007E99



00151A

Inverse Universe

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



B44DA2



EB49CE



B4924D



595058



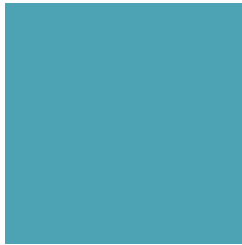
99007E



1A0015

Previews

White Background



This preview shows how the Hex color 4DA2B4 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 4DA2B4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

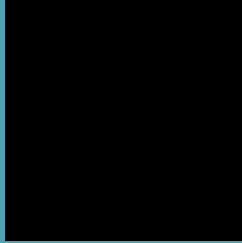
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 4DA2B4 Background



This preview shows how black text looks on a background with the Hex color 4DA2B4.

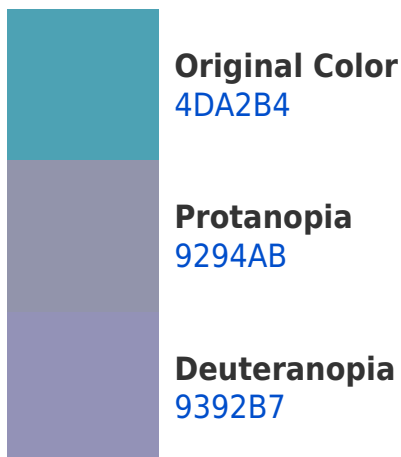


This preview shows how white text looks on a background with the Hex color 4DA2B4.

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](#).

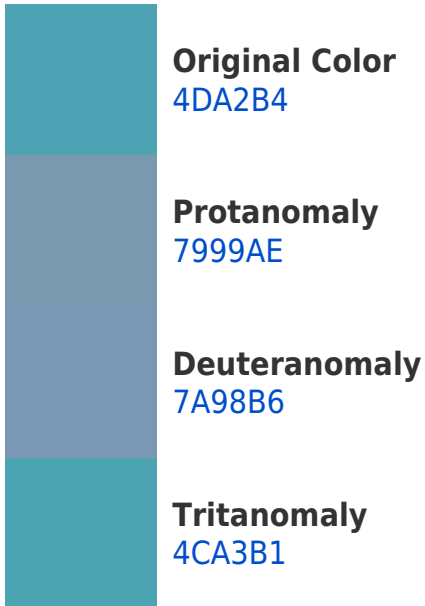
Dichromacy



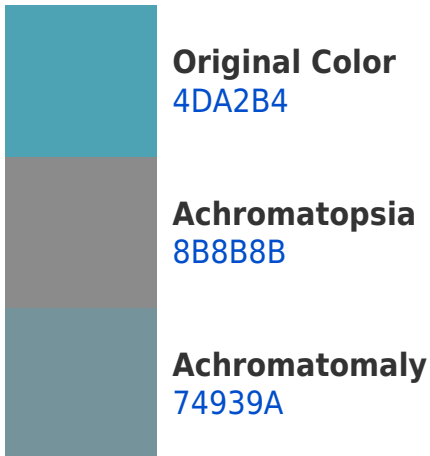


Tritanopia
4BA3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4DA2B4 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 #4DA2B4 looks like.

```
.text, #text, p{  
    color:#4DA2B4  
}
```

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 #4DA2B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA2B4
}
```

Border

The CSS property to change the border of an element to Hex 4DA2B4 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
#4DA2B4 }
```

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

```
.border{ border-color:#4DA2B4 }
```

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

Here you see how a box with a 4 pixel #4DA2B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA2B4; -webkit-box-shadow:4px 4px  
4px 4px #4DA2B4; box-shadow:4px 4px 4px  
4px #4DA2B4 }
```

Background

The CSS property to change the background color of an element to Hex 4DA2B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA2B4 }
```

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

```
.background{ background-color:#4DA2B4 }
```

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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