

# Converting Colors

Hex(4DA28A)

Have a look what the booklet for  
Hex(4DA28A) contains.

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**Color**

**Hex(4DA28A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DA28A
RGB	77, 162, 138
RGB Percent	30%, 64%, 54%
CMY	0.6980, 0.3647, 0.4588
CMYK	0.52, 0.00, 0.15, 0.36
HSL	163°, 36%, 47%
HSV	163°, 52%, 64%
XYZ	20.5683, 29.2534, 28.6072
YIQ	133.8490, -42.9560, -25.4840

# Conversions

## Conversions Part 2

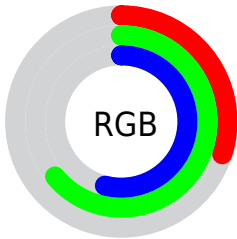
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 126, 162
Decimal	5087882
CIELab	61.00, -31.73, 4.67
CIELCh	61, 32.073, 171.626
Yxy	29.2534, 0.2623, 0.3730
Android (android.graphics.Color)	4283277962 (0xFF4DA28A)
YUV	133.8490, 2.0464, -49.8566
Hunter-Lab	54.0864, -26.7701, 6.5011

# Details

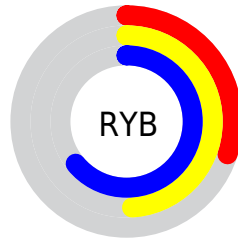
The Hex color **4DA28A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A24D65**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **84D9BF**, and **0B6E58** is the 20% darker color. If you saturate the color by 10%, you get **3DA285**, and if you desaturate by 10%, it is **5DA28F**.

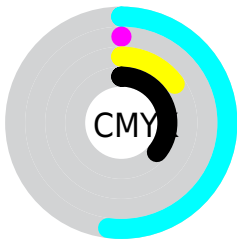
# Distribution



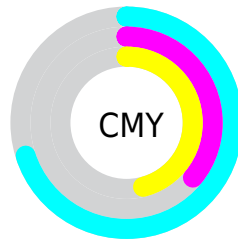
- Red (30%)
- Green (64%)
- Blue (54%)



- Red (30%)
- Yellow (49%)
- Blue (64%)



- Cyan (52%)
- Magenta (0%)
- Yellow (15%)
- Black (36%)



- Cyan (70%)
- Magenta (36%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4DA28A 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 4DA28A by changing the saturation by 10% instead.



 4DA28A

 4DA28A

FFFFFF

 308771

 84D9BF

 0B6E58

 A0F6DB

 005541

 BCFFF8

 003D2B

 D9FFFF

 002716

 F6FFFF

 000700

 000000

 4DA28A

 4DA28A

 3DA285

 5DA28F

 2DA281

 6DA293

 1CA27C

 7EA298

 0CA278

 8EA29C

 00A274

 9EA2A1

 AEA2A5

 BEA2AA

 CFA2AF

 DFA2B3

# Harmonies

## Analogous

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



719E6F



4DA28A



2BA2A7

# Triad

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



4DA28A



8B8FC8



C28568

# Complementary

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



4DA28A



A24D65

# 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.



CB7E80



4DA28A



AF85B7

# Square

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



4DA28A



5E98CB



C57E9C



AD8F5B

# Rectangle

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



4DA28A



28A1B8



C57E9C



C6826F



# Sweetspot

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



4DA28A



B2D4CA



65A24D



576B65



EBEBEB



6B6B6B



# Same Dimension

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



4DA28A



4ED4AE



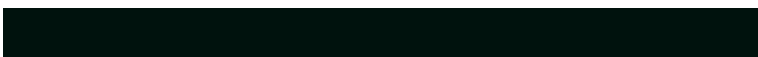
4D90A2



49524F



009168



00120D



# Inverse Universe

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



A24D65



D44E74



A25F4D



52494C



910029

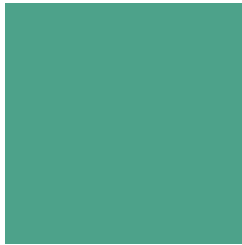


120005



# Previews

## White Background



This preview shows how the Hex color 4DA28A looks on a white background.

## Color Contrast Check

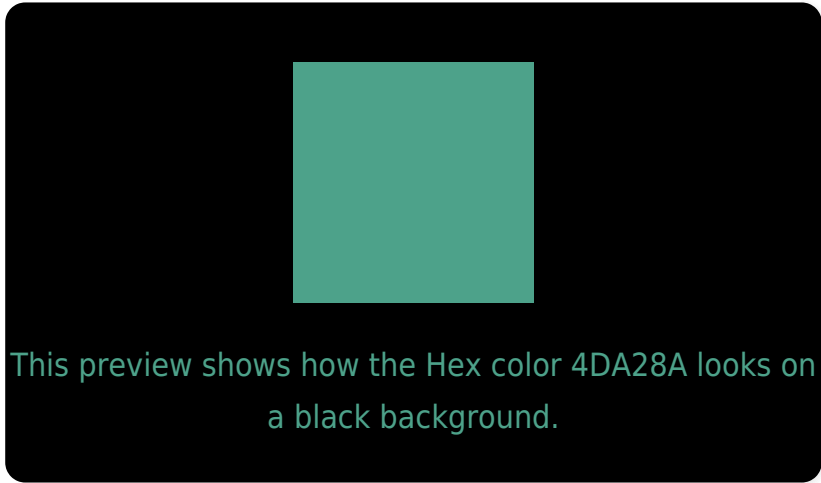
Large Text (above 18pt) WCAG AA ✓ Pass

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

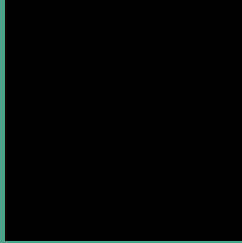
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 4DA28A Background



This preview shows how black text looks on a background with the Hex color 4DA28A.

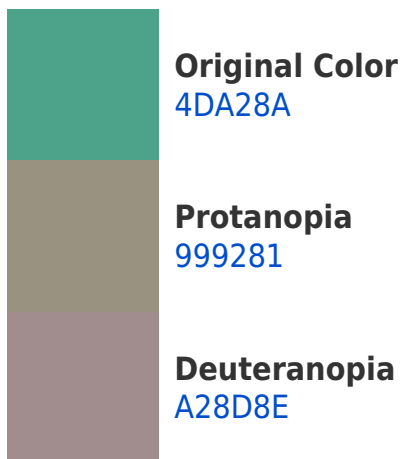


This preview shows how white text looks on a background with the Hex color 4DA28A.

# 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

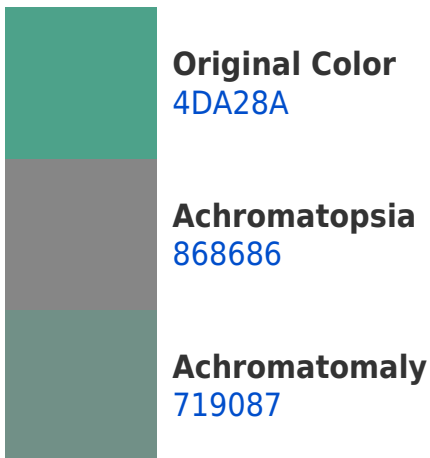




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4DA28A 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 #4DA28A looks like.

```
.text, #text, p{  
    color:#4DA28A  
}
```

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 #4DA28A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DA28A
}
```

## Border

The CSS property to change the border of an element to Hex 4DA28A 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
#4DA28A }
```

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

```
.border{ border-color:#4DA28A }
```

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

Here you see how a box with a 4 pixel #4DA28A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DA28A; -webkit-box-shadow:4px 4px  
4px 4px #4DA28A; box-shadow:4px 4px 4px  
4px #4DA28A }
```

# Background

The CSS property to change the background color of an element to Hex 4DA28A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DA28A }
```

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

```
.background{ background-color:#4DA28A }
```

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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