

# Converting Colors

Hex(41A288)

Have a look what the booklet for  
Hex(41A288) contains.

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# Color

Hex(41A288)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	41A288
RGB	65, 162, 136
RGB Percent	25%, 64%, 53%
CMY	0.7451, 0.3647, 0.4667
CMYK	0.60, 0.00, 0.16, 0.36
HSL	164°, 43%, 45%
HSV	164°, 60%, 64%
XYZ	19.5442, 28.7421, 27.8102
YIQ	130.0330, -49.4660, -28.6500

# Conversions

## Conversions Part 2

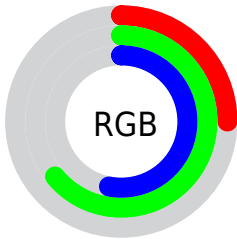
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 121, 162
Decimal	4301448
CIELab	60.55, -34.85, 5.09
CIELCh	61, 35.223, 171.686
Yxy	28.7421, 0.2568, 0.3777
Android (android.graphics.Color)	4282491528 (0xFF41A288)
YUV	130.0330, 2.9417, -57.0339
Hunter-Lab	53.6116, -28.7477, 6.7723

# Details

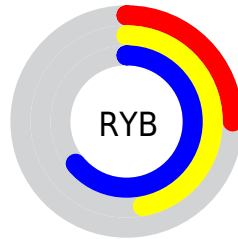
The Hex color **41A288** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **A2415B**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **7AD9BD**, and **006E56** is the 20% darker color. If you saturate the color by 10%, you get **31A284**, and if you desaturate by 10%, it is **51A28C**.

# Distribution



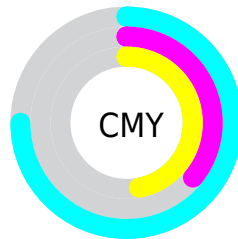
- Red (25%)
- Green (64%)
- Blue (53%)



- Red (25%)
- Yellow (47%)
- Blue (64%)



- Cyan (60%)
- Magenta (0%)
- Yellow (16%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41A288 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 41A288 by changing the saturation by 10% instead.





41A288



41A288

FFFFFF



20876F



7AD9BD



006E56



96F6D9



00553F



B3FFF5



003D29



D0FFFF



002715



EDFFFF



000400



000000



41A288



41A288



31A284



51A28C

■ 21A27F

■ 61A291

■ 10A27B

■ 72A295

■ 00A277

■ 82A299

■ 92A29E

■ A2A2A2

■ B2A2A6

■ C3A2AB

■ D3A2AF

# Harmonies

## Analogous

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



6B9E6A



41A288



00A2A8

# Triad

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



41A288



898DCC



C48262

# Complementary

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



41A288



A2415B

# 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.



CE7B7D



41A288



B182B9

# Square

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



41A288



5498CF



C87A9C



AE8D54

# Rectangle

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



41A288



00A1BA



C87A9C



C97F6A



# Sweetspot

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



41A288



AED4C9



5CA241



546B65



EBEBEB



6B6B6B



# Same Dimension

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



41A288



3BD4AB



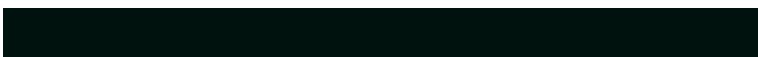
418DA2



49524F



00916A



00120D



# Inverse Universe

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



A2415B



D43B64



A25641



52494C



910027

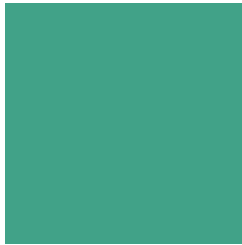


120005



# Previews

## White Background



This preview shows how the Hex color 41A288 looks on a white background.

## Color Contrast Check

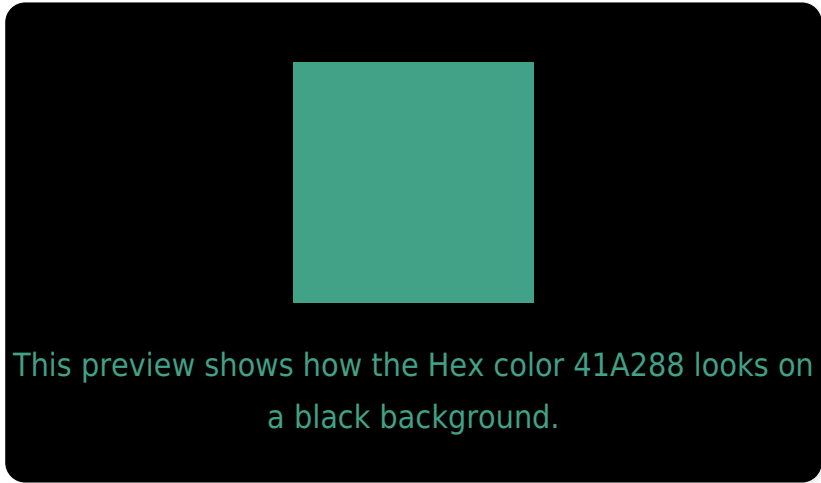
Large Text (above 18pt) WCAG AA ✓ Pass

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

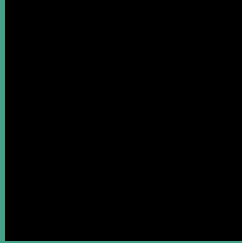
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 41A288 Background



This preview shows how black text looks on a background with the Hex color 41A288.

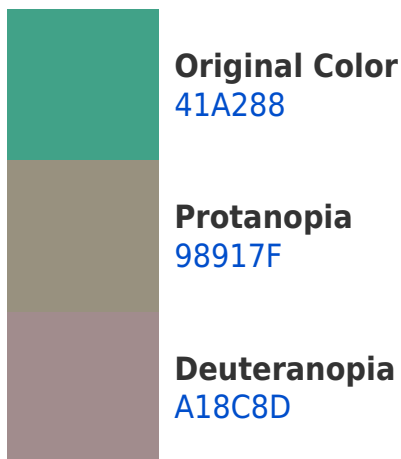


This preview shows how white text looks on a background with the Hex color 41A288.

# 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



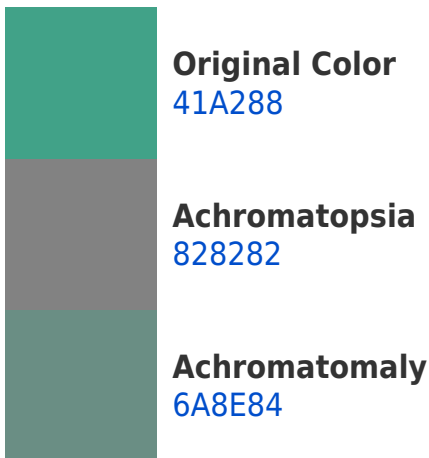


**Tritanopia**  
4D9DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41A288 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 #41A288 looks like.

```
.text, #text, p{  
    color:#41A288  
}
```

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 #41A288 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A288
}
```

## Border

The CSS property to change the border of an element to Hex 41A288 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
#41A288 }
```

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

```
.border{ border-color:#41A288 }
```

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

Here you see how a box with a 4 pixel #41A288 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A288; -webkit-box-shadow:4px 4px  
4px 4px #41A288; box-shadow:4px 4px 4px  
4px #41A288 }
```

# Background

The CSS property to change the background color of an element to Hex 41A288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A288 }
```

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

```
.background{ background-color:#41A288 }
```

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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