

Converting Colors

Hex(41AD91)

Have a look what the booklet for
Hex(41AD91) contains.

Hex(41AD91)	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(41AD91)

Conversions

Conversions Part 1

Format	Color
Hex	41AD91
RGB	65, 173, 145
RGB Percent	25%, 68%, 57%
CMY	0.7451, 0.3216, 0.4314
CMYK	0.62, 0.00, 0.16, 0.32
HSL	164°, 45%, 47%
HSV	164°, 62%, 68%
XYZ	22.2344, 33.0553, 31.9965
YIQ	137.5160, -55.3800, -31.6040

Conversions

Conversions Part 2

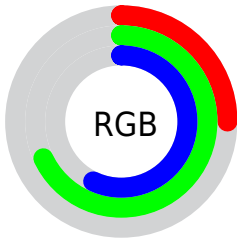
Format	Color
RYB	65, 127, 173
Decimal	4304273
CIELab	64.21, -37.63, 5.32
CIElCh	64, 38.007, 171.956
Yxy	33.0553, 0.2547, 0.3787
Android (android.graphics.Color)	4282494353 (0xFF41AD91)
YUV	137.5160, 3.6896, -63.5965
Hunter-Lab	57.4937, -31.5833, 7.2495

Details

The Hex color **41AD91** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **AD415D**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **7CE5C7**, and **00785F** is the 20% darker color. If you saturate the color by 10%, you get **30AD8D**, and if you desaturate by 10%, it is **52AD95**.

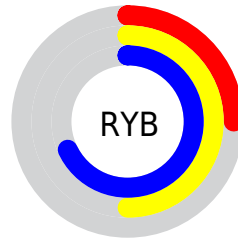
Distribution



Red (25%)

Green (68%)

Blue (57%)



Red (25%)

Yellow (50%)

Blue (68%)

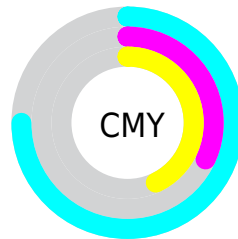


Cyan (62%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (75%)

Magenta (32%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41AD91 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 41AD91 by changing the saturation by 10% instead.

 41AD91

 41AD91

FFFFFF

 1D9277

 7CE5C7

 00785F

 98FFE3

 005E47

 B5FFFF

 004631

 D3FFFF

 002F1C

 F0FFFF

 001702

 000000

 41AD91

 41AD91

 30AD8D

 52AD95

■ 1EAD88

■ 64AD9A

■ 0DAD84

■ 75AD9E

■ 00AD80

■ 86ADA3

■ 98ADA7

■ A9ADAC

■ BAADB0

■ CBADB5

■ DDADB9

Harmonies

Analogous

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



71A971



41AD91



00ADB4

Triad

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



41AD91



9296DA



D28B67

Complementary

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



41AD91



AD415D

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.



DD8284



41AD91



BD8AC6

Square

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



41AD91



57A2DE



D782A6



BA9658

Rectangle

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



41AD91



00ABC8



D782A6



D78770

Sweetspot

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



41AD91



B6E0D5



5EAD41



56706A



F0F0F0



707070

Same Dimension

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



41AD91



38E0B5



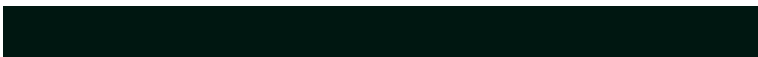
4194AD



4E5754



00966F



001711

Inverse Universe

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



AD415D



E03864



AD5A41



574E50



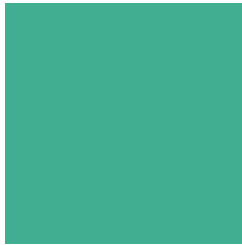
960027



170006

Previews

White Background



This preview shows how the Hex color 41AD91 looks on a white background.

Color Contrast Check

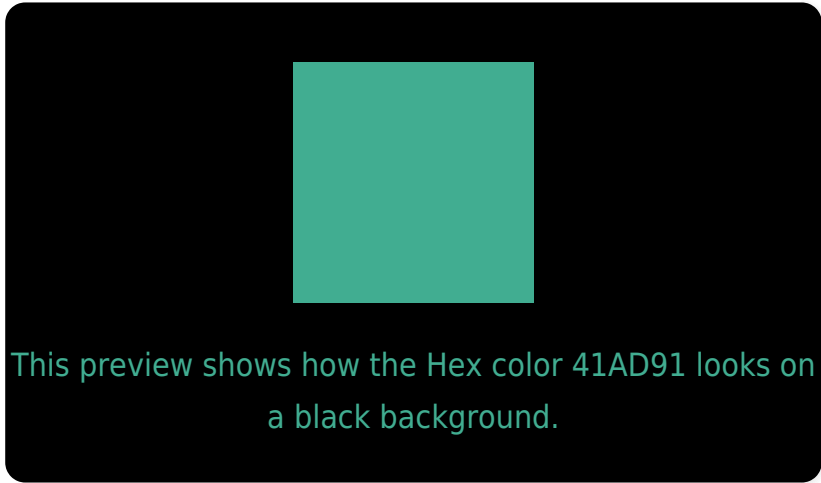
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 41AD91 Background



This preview shows how black text looks on a background with the Hex color 41AD91.

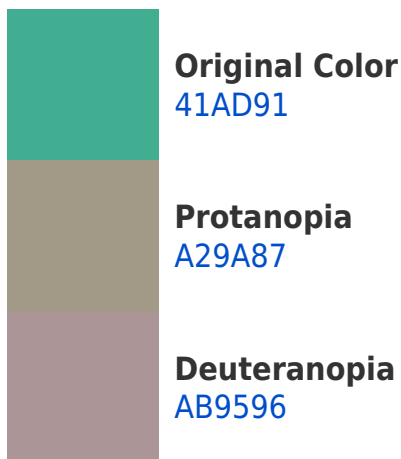


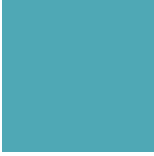
This preview shows how white text looks on a background with the Hex color 41AD91.

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](#).

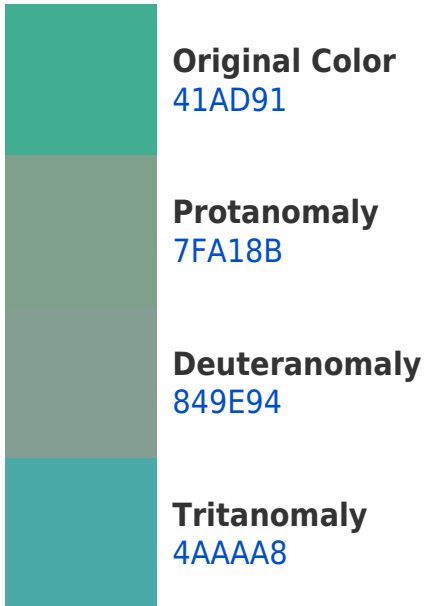
Dichromacy



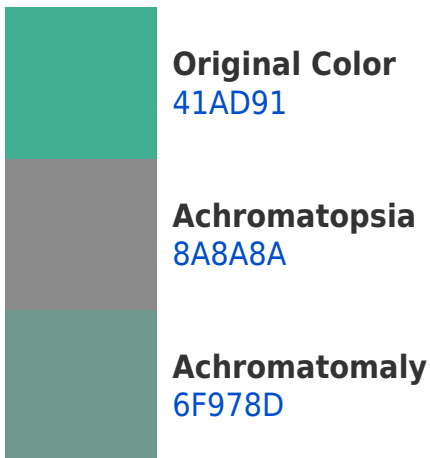


Tritanopia
4FA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41AD91 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 #41AD91 looks like.

```
.text, #text, p{  
    color:#41AD91  
}
```

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 #41AD91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41AD91
}
```

Border

The CSS property to change the border of an element to Hex 41AD91 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
#41AD91 }
```

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

```
.border{ border-color:#41AD91 }
```

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

Here you see how a box with a 4 pixel #41AD91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41AD91; -webkit-box-shadow:4px 4px  
4px 4px #41AD91; box-shadow:4px 4px 4px  
4px #41AD91 }
```

Background

The CSS property to change the background color of an element to Hex 41AD91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41AD91 }
```

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

```
.background{ background-color:#41AD91 }
```

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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