

Converting Colors

Hex(41A295)

Have a look what the booklet for
Hex(41A295) contains.

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Color

Hex(41A295)

Conversions

Conversions Part 1

Format	Color
Hex	41A295
RGB	65, 162, 149
RGB Percent	25%, 64%, 58%
CMY	0.7451, 0.3647, 0.4157
CMYK	0.60, 0.00, 0.08, 0.36
HSL	172°, 43%, 45%
HSV	172°, 60%, 64%
XYZ	20.5251, 29.1344, 32.9755
YIQ	131.5150, -53.6390, -24.6070

Conversions

Conversions Part 2

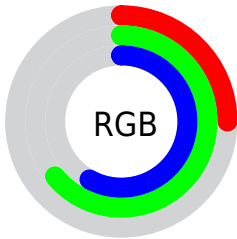
Format	Color
RYB	65, 117, 162
Decimal	4301461
CIELab	60.90, -31.49, -1.72
CIElCh	61, 31.537, 183.132
Yxy	29.1344, 0.2484, 0.3526
Android (android.graphics.Color)	4282491541 (0xFF41A295)
YUV	131.5150, 8.6201, -58.3337
Hunter-Lab	53.9763, -26.5818, 1.5616

Details

The Hex color **41A295** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A2414E**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **7BD9CB**, and **006E62** is the 20% darker color. If you saturate the color by 10%, you get **31A293**, and if you desaturate by 10%, it is **51A297**.

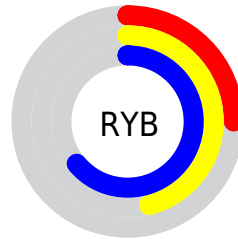
Distribution



Red (25%)

Green (64%)

Blue (58%)



Red (25%)

Yellow (46%)

Blue (64%)

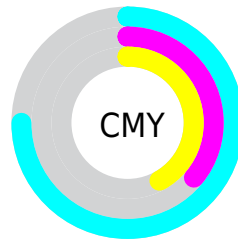


Cyan (60%)

Magenta (0%)

Yellow (8%)

Black (36%)



Cyan (75%)

Magenta (36%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A295 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 41A295 by changing the saturation by 10% instead.


 41A295

 41A295


FFFFFF

 1F877B

 7BD9CB

 006E62

 97F6E7

 00554B

 B4FFFF

 003D34

 D1FFFF

 00271F

 EEEFFF

 000607

 000000

 41A295

 41A295

 31A293

 51A297

■ 21A291

■ 61A299

■ 10A28E

■ 72A29C

■ 00A28C

■ 82A29E

■ 92A2A0

■ A2A2A2

■ B2A2A4

■ C3A2A6

■ D3A2A9

Harmonies

Analogous

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



64A079



41A295



2AA1B0

Triad

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



41A295



9A8BC2



BA8962

Complementary

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



41A295



A2414E

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.



C88076



41A295



B982AD

Square

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



41A295



7195CA



C87E91



A3925B

Rectangle

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



41A295



379EBF



C87E91



C08667

Sweetspot

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



41A295



AED4CF



50A241



546B68



EBEBEB



6B6B6B

Same Dimension

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



41A295



3BD4BF



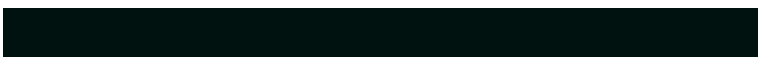
4180A2



495251



00917E



00120F

Inverse Universe

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



A2414E



D43B50



A26341



52494B



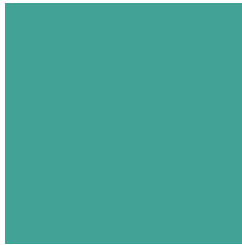
910013



120002

Previews

White Background



This preview shows how the Hex color 41A295 looks on a white background.

Color Contrast Check

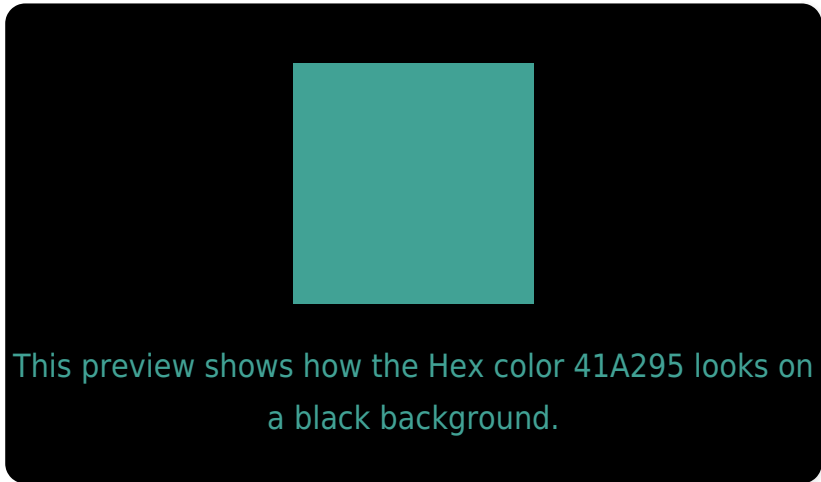
Large Text (above 18pt) WCAG AA ✓ Pass

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

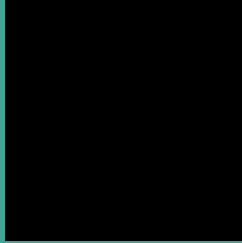
Any Text WCAG AA ✓ Pass

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 41A295 Background



This preview shows how black text looks on a background with the Hex color 41A295.

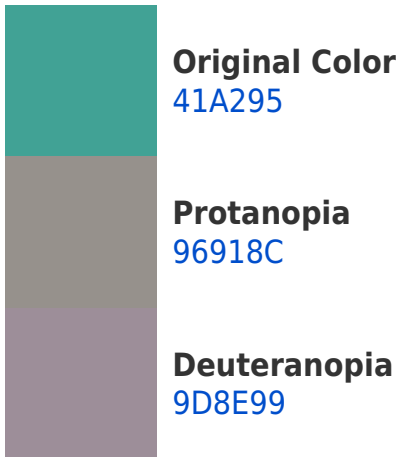


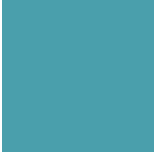
This preview shows how white text looks on a background with the Hex color 41A295.

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
4A9FAC

Trichromacy



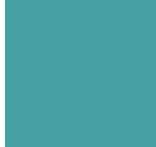
Original Color
41A295



Protanomaly
77978F



Deuteranomaly
7C9598



Tritanomaly
47A0A4

Monochromacy



Original Color
41A295



Achromatopsia
848484



Achromatomaly
6C8F8A

CSS Examples

Text

The CSS property to change the color of the text to Hex 41A295 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 #41A295 looks like.

```
.text, #text, p{  
    color:#41A295  
}
```

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 #41A295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A295  
}
```

Border

The CSS property to change the border of an element to Hex 41A295 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  
#41A295 }
```

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

```
.border{ border-color:#41A295 }
```

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

Here you see how a box with a 4 pixel #41A295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A295; -webkit-box-shadow:4px 4px  
4px 4px #41A295; box-shadow:4px 4px 4px  
4px #41A295 }
```

Background

The CSS property to change the background color of an element to Hex 41A295 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A295 }
```

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

```
.background{ background-color:#41A295 }
```

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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