

Converting Colors

Hex(41A391)

Have a look what the booklet for
Hex(41A391) contains.

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Color

Hex(41A391)

Conversions

Conversions Part 1

Format	Color
Hex	41A391
RGB	65, 163, 145
RGB Percent	25%, 64%, 57%
CMY	0.7451, 0.3608, 0.4314
CMYK	0.60, 0.00, 0.11, 0.36
HSL	169°, 43%, 45%
HSV	169°, 60%, 64%
XYZ	20.3880, 29.3625, 31.3810
YIQ	131.6460, -52.6300, -26.3740

Conversions

Conversions Part 2

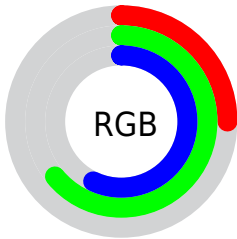
Format	Color
RYB	65, 119, 163
Decimal	4301713
CIELab	61.10, -33.02, 0.82
CIElCh	61, 33.033, 178.573
Yxy	29.3625, 0.2513, 0.3619
Android (android.graphics.Color)	4282491793 (0xFF41A391)
YUV	131.6460, 6.5835, -58.4485
Hunter-Lab	54.1872, -27.6668, 3.5949

Details

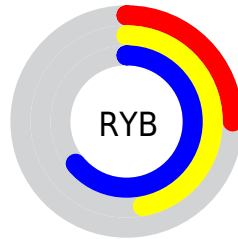
The Hex color **41A391** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34153**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7BDAC7**, and **006F5F** is the 20% darker color. If you saturate the color by 10%, you get **31A38E**, and if you desaturate by 10%, it is **51A394**.

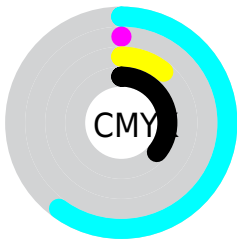
Distribution



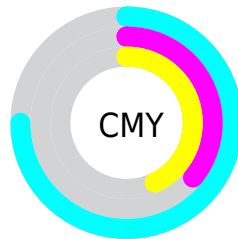
- Red (25%)
- Green (64%)
- Blue (57%)



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



- Cyan (60%)
- Magenta (0%)
- Yellow (11%)
- Black (36%)



- Cyan (75%)
- Magenta (36%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 41A391 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 41A391 by changing the saturation by 10% instead.

 41A391

 41A391

FFFFFF

 1F8877

 7BDAC7

 006F5F

 97F7E3

 005647

 B3FFFF

 003E31

 D0FFFF

 00281C

 EEEFFF

 000802

 000000

 41A391

 41A391

 31A38E

 51A394

■ 20A38B

■ 62A397

■ 10A388

■ 72A39A

■ 00A385

■ 82A39D

■ 93A3A0

■ A3A3A3

■ B3A3A6

■ C3A3A9

■ D4A3AC

Harmonies

Analogous

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



67A074



41A391



1EA2AE

Triad

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



41A391



958CC7



BF8763

Complementary

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



41A391



A34153

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.



CC7F79



41A391



B782B2

Square

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



41A391



6797CD



CA7D96



A89159

Rectangle

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



41A391



27A0BE



CA7D96



C58469

Sweetspot

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



41A391



AED4CD



55A341



546B67



EBEBEB



6B6B6B

Same Dimension

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



41A391



3BD4B8



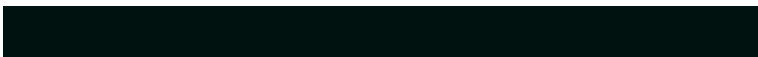
4186A3



495250



009177



00120F

Inverse Universe

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



A34153



D43B57



A35E41



52494B



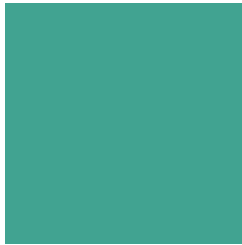
91001B



120003

Previews

White Background



This preview shows how the Hex color 41A391 looks on a white background.

Color Contrast Check

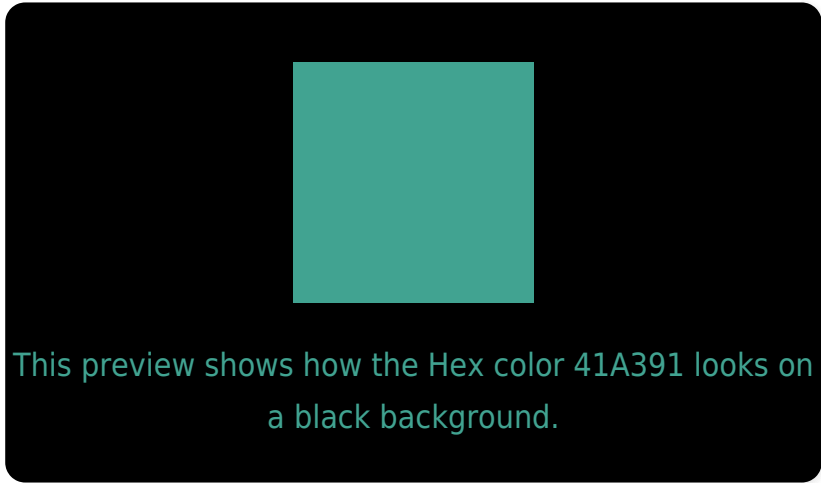
Large Text (above 18pt) WCAG AA ✓ Pass

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

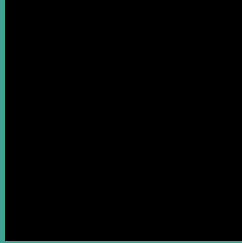
Any Text WCAG AA ✓ Pass

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 41A391 Background



This preview shows how black text looks on a background with the Hex color 41A391.

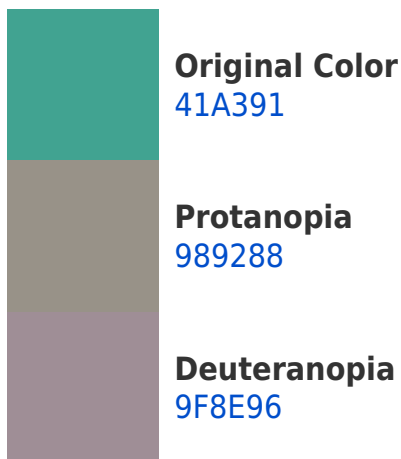


This preview shows how white text looks on a background with the Hex color 41A391.

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](#).

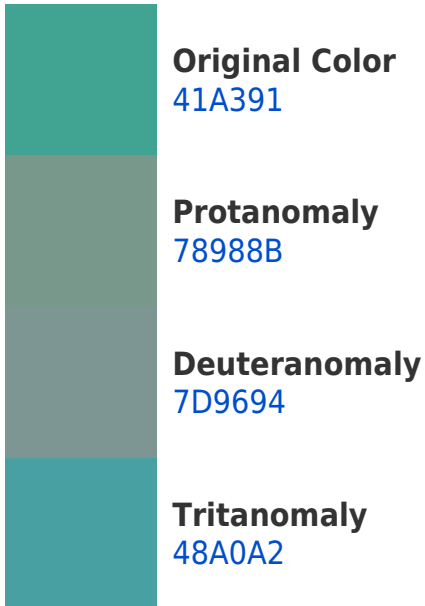
Dichromacy



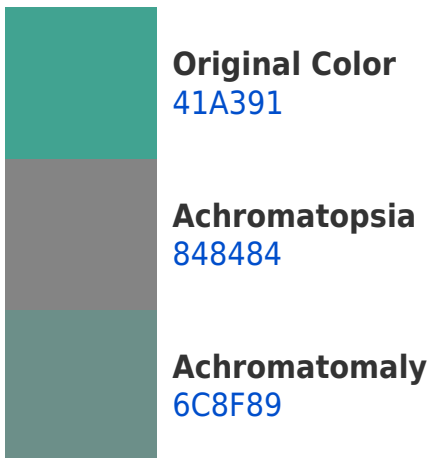


Tritanopia
4C9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 41A391 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 #41A391 looks like.

```
.text, #text, p{  
    color:#41A391  
}
```

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 #41A391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41A391
}
```

Border

The CSS property to change the border of an element to Hex 41A391 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
#41A391 }
```

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

```
.border{ border-color:#41A391 }
```

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

Here you see how a box with a 4 pixel #41A391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41A391; -webkit-box-shadow:4px 4px  
4px 4px #41A391; box-shadow:4px 4px 4px  
4px #41A391 }
```

Background

The CSS property to change the background color of an element to Hex 41A391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41A391 }
```

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

```
.background{ background-color:#41A391 }
```

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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