

Converting Colors

Hex(40A1A1)

Have a look what the booklet for
Hex(40A1A1) contains.

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Color

Hex(40A1A1)

Conversions

Conversions Part 1

Format	Color
Hex	40A1A1
RGB	64, 161, 161
RGB Percent	25%, 63%, 63%
CMY	0.7490, 0.3686, 0.3686
CMYK	0.60, 0.00, 0.00, 0.37
HSL	180°, 43%, 44%
HSV	180°, 60%, 63%
XYZ	21.2922, 29.1529, 38.2231
YIQ	131.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

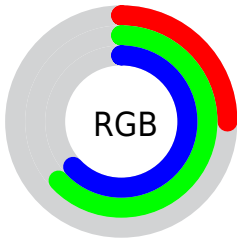
Format	Color
RYB	64, 113, 161
Decimal	4235681
CIELab	60.92, -27.87, -8.47
CIELCh	61, 29.128, 196.909
Yxy	29.1529, 0.2401, 0.3288
Android (android.graphics.Color)	4282425761 (0xFF40A1A1)
YUV	131.9970, 14.2985, -59.6334
Hunter-Lab	53.9935, -24.0973, -4.1772

Details

The Hex color **40A1A1** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A14040**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7BD8D8**, and **006D6E** is the 20% darker color. If you saturate the color by 10%, you get **30A1A1**, and if you desaturate by 10%, it is **50A1A1**.

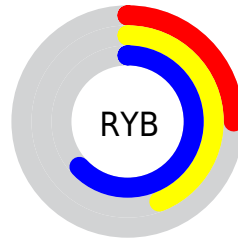
Distribution



Red (25%)

Green (63%)

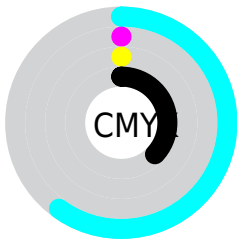
Blue (63%)



Red (25%)

Yellow (44%)

Blue (63%)

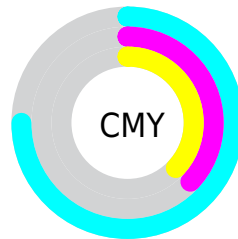


Cyan (60%)

Magenta (0%)

Yellow (0%)

Black (37%)



Cyan (75%)

Magenta (37%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 40A1A1 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 40A1A1 by changing the saturation by 10% instead.



40A1A1



40A1A1

FFFFFF



1C8787



7BD8D8



006D6E



97F5F4



005455



B4FFFF



003C3E



D1FFFF



002628



EFFFFFF



000714



000000



40A1A1



40A1A1



30A1A1



50A1A1

■ 20A1A1

■ 60A1A1

■ 10A1A1

■ 70A1A1

■ 00A1A1

■ 80A1A1

■ 91A1A1

■ A1A1A1

■ B1A1A1

■ C1A1A1

■ D1A1A1

Harmonies

Analogous

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



5AA086



40A1A1



3F9FB8

Triad

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



40A1A1



A887B6



AF8E61

Complementary

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



40A1A1



A14040

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.



C0856F



40A1A1



BE819F

Square

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



40A1A1



8690C4



C68085



969661

Rectangle

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



40A1A1



529BC2



C68085



B68B64

Sweetspot

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



40A1A1



ABD1D1



40A140



526969



E8E8E8



696969

Same Dimension

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



40A1A1



3BD1D1



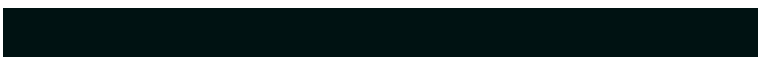
4070A1



495252



009191



001212

Inverse Universe

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



A140A1



D13BD1



A17040



524952



910091



120012

Previews

White Background



This preview shows how the Hex color 40A1A1 looks on a white background.

Color Contrast Check

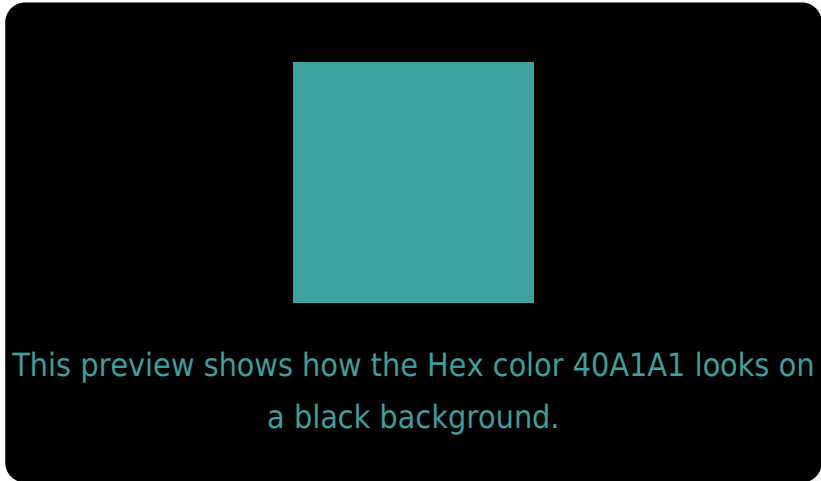
Large Text (above 18pt) WCAG AA ✓ Pass

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

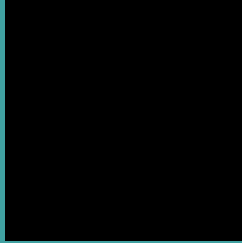
Any Text WCAG AA ✓ Pass

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 40A1A1 Background



This preview shows how black text looks on a background with the Hex color 40A1A1.

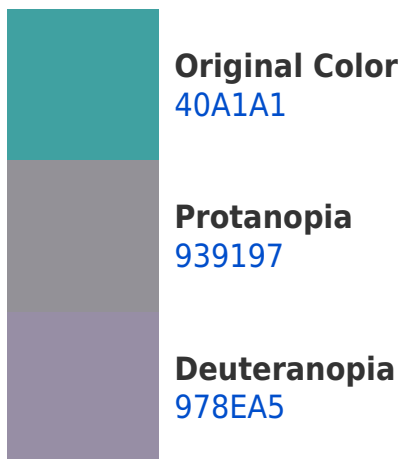


This preview shows how white text looks on a background with the Hex color 40A1A1.

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



Original Color
40A1A1



Protanomaly
75979B



Deuteranomaly
7795A4



Tritanomaly
43A0A8

Monochromacy



Original Color
40A1A1



Achromatopsia
848484



Achromatomaly
6B8F8F

CSS Examples

Text

The CSS property to change the color of the text to Hex 40A1A1 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 #40A1A1 looks like.

```
.text, #text, p{  
    color:#40A1A1  
}
```

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 #40A1A1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #40A1A1
}
```

Border

The CSS property to change the border of an element to Hex 40A1A1 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
#40A1A1 }
```

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

```
.border{ border-color:#40A1A1 }
```

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

Here you see how a box with a 4 pixel #40A1A1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #40A1A1; -webkit-box-shadow:4px 4px  
4px 4px #40A1A1; box-shadow:4px 4px 4px  
4px #40A1A1 }
```

Background

The CSS property to change the background color of an element to Hex 40A1A1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#40A1A1 }
```

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

```
.background{ background-color:#40A1A1 }
```

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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