

Converting Colors

Hex(44A390)

Have a look what the booklet for
Hex(44A390) contains.

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Color

Hex(44A390)

Conversions

Conversions Part 1

Format	Color
Hex	44A390
RGB	68, 163, 144
RGB Percent	27%, 64%, 56%
CMY	0.7333, 0.3608, 0.4353
CMYK	0.58, 0.00, 0.12, 0.36
HSL	168°, 41%, 45%
HSV	168°, 58%, 64%
XYZ	20.5151, 29.4369, 30.9862
YIQ	132.4290, -50.5210, -26.0490

Conversions

Conversions Part 2

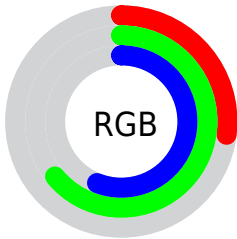
Format	Color
RYB	68, 121, 163
Decimal	4498320
CIELab	61.17, -32.68, 1.49
CIElCh	61, 32.716, 177.388
Yxy	29.4369, 0.2535, 0.3637
Android (android.graphics.Color)	4282688400 (0xFF44A390)
YUV	132.4290, 5.7045, -56.5042
Hunter-Lab	54.2558, -27.4535, 4.1178

Details

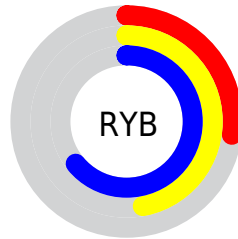
The Hex color **44A390** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34457**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **7DDAC6**, and **006F5E** is the 20% darker color. If you saturate the color by 10%, you get **34A38D**, and if you desaturate by 10%, it is **54A393**.

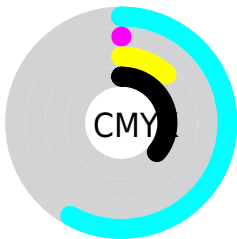
Distribution



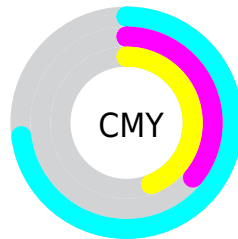
- Red (27%)
- Green (64%)
- Blue (56%)



- Red (27%)
- Yellow (47%)
- Blue (64%)



- Cyan (58%)
- Magenta (0%)
- Yellow (12%)
- Black (36%)



- Cyan (73%)
- Magenta (36%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 44A390 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 44A390 by changing the saturation by 10% instead.

 44A390

 44A390

FFFFFF

 248876

 7DDAC6

 006F5E

 99F7E2

 005646

 B6FFFE

 003E30

 D3FFFF

 00281B

 F0FFFF

 000800

 000000

 44A390

 44A390

 34A38D

 54A393

■ 23A389

■ 65A397

■ 13A386

■ 75A39A

■ 03A383

■ 85A39D

■ 00A382

■ 96A3A0

■ A6A3A4

■ B6A3A7

■ C6A3AA

■ D7A3AD

Harmonies

Analogous

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



69A074



44A390



22A3AD

Triad

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



44A390



938DC7



C08764

Complementary

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



44A390



A34457

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.



CC7F7A



44A390



B683B3

Square

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



44A390



6697CD



C97D97



A9915A

Rectangle

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



44A390



28A0BD



C97D97



C5846A

Sweetspot

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



44A390



B0D4CC



57A344



566B67



EBEBEB



6B6B6B

Same Dimension

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



44A390



3FD4B6



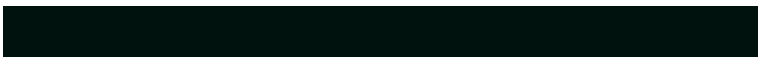
4486A3



495250



009174



00120E

Inverse Universe

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



A34457



D43F5D



A36144



52494B



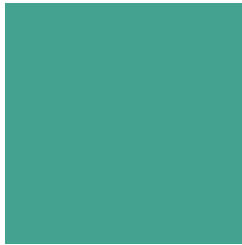
91001D



120004

Previews

White Background



This preview shows how the Hex color 44A390 looks on a white background.

Color Contrast Check

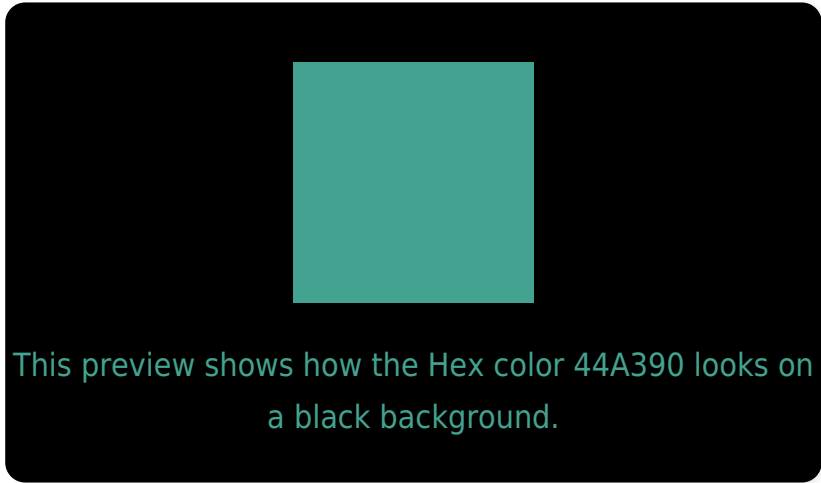
Large Text (above 18pt) WCAG AA ✓ Pass

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

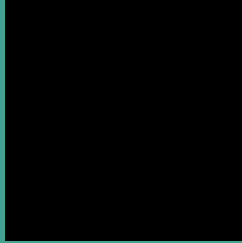
Any Text WCAG AA ✓ Pass

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 44A390 Background



This preview shows how black text looks on a background with the Hex color 44A390.

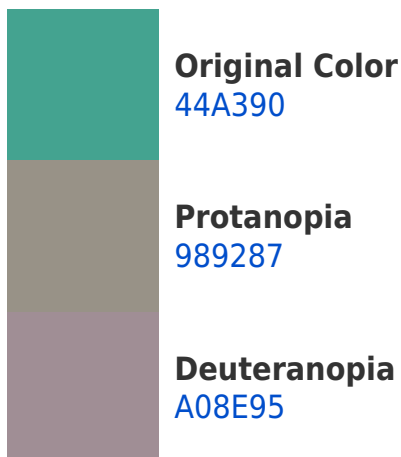


This preview shows how white text looks on a background with the Hex color 44A390.

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](#).

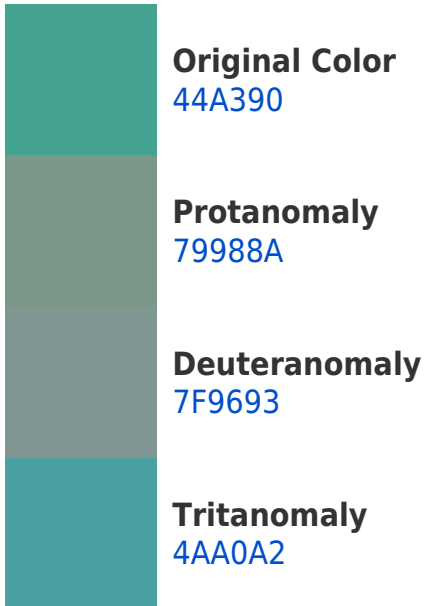
Dichromacy



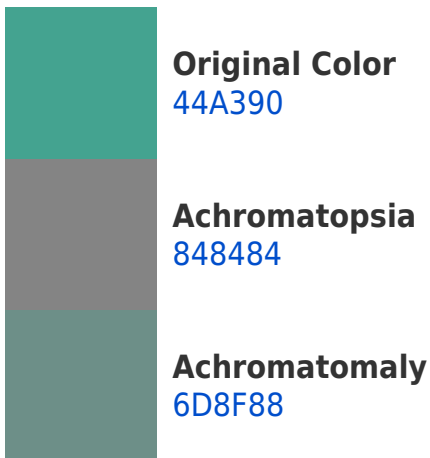


Tritanopia
4E9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 44A390 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 #44A390 looks like.

```
.text, #text, p{  
    color:#44A390  
}
```

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 #44A390 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #44A390
}
```

Border

The CSS property to change the border of an element to Hex 44A390 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
#44A390 }
```

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

```
.border{ border-color:#44A390 }
```

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

Here you see how a box with a 4 pixel #44A390 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #44A390; -webkit-box-shadow:4px 4px  
4px 4px #44A390; box-shadow:4px 4px 4px  
4px #44A390 }
```

Background

The CSS property to change the background color of an element to Hex 44A390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#44A390 }
```

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

```
.background{ background-color:#44A390 }
```

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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