

Converting Colors

Hex(46A393)

Have a look what the booklet for
Hex(46A393) contains.

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Color

Hex(46A393)

Conversions

Conversions Part 1

Format	Color
Hex	46A393
RGB	70, 163, 147
RGB Percent	27%, 64%, 58%
CMY	0.7255, 0.3608, 0.4235
CMYK	0.57, 0.00, 0.10, 0.36
HSL	170°, 40%, 46%
HSV	170°, 57%, 64%
XYZ	20.8894, 29.6031, 32.2167
YIQ	133.3690, -50.2920, -24.6920

Conversions

Conversions Part 2

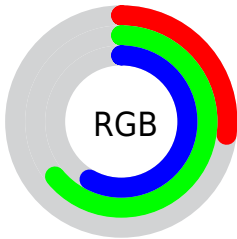
Format	Color
R_{YB}	70, 121, 163
Decimal	4629395
CIE _{Lab}	61.31, -31.49, 0.02
CIE _{LCh}	61, 31.494, 179.960
Yxy	29.6031, 0.2526, 0.3579
Android (android.graphics.Color)	4282819475 (0xFF46A393)
YUV	133.3690, 6.7201, -55.5746
Hunter-Lab	54.4087, -26.6827, 2.9790

Details

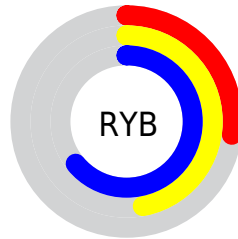
The Hex color **46A393** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A34656**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **7FDAC9**, and **006F61** is the 20% darker color. If you saturate the color by 10%, you get **36A390**, and if you desaturate by 10%, it is **56A396**.

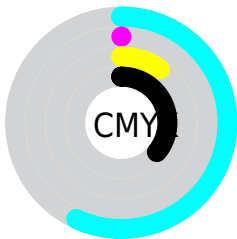
Distribution



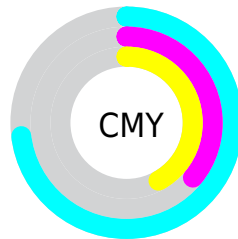
- Red (27%)
- Green (64%)
- Blue (58%)



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



- Cyan (57%)
- Magenta (0%)
- Yellow (10%)
- Black (36%)



- Cyan (73%)
- Magenta (36%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 46A393 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 46A393 by changing the saturation by 10% instead.

 46A393

 46A393

FFFFFF

 278879

 7FDAC9

 006F61

 9BF7E5

 005649

 B7FFFF

 003E32

 D4FFFF

 00281D

 F2FFFF

 000904

 000000

 46A393

 46A393

 36A390

 56A396

■ 25A38D

■ 67A399

■ 15A38B

■ 77A39B

■ 05A388

■ 87A39E

■ 00A387

■ 98A3A1

■ A8A3A4

■ B8A3A7

■ C8A3A9

■ D9A3AC

Harmonies

Analogous

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



69A077



46A393



2DA2AF

Triad

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



46A393



978DC4



BD8965

Complementary

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



46A393



A34656

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.



CA817A



46A393



B783B0

Square

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



46A393



6D97CB



C87F95



A7925C

Rectangle

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



46A393



35A0BE



C87F95



C3866A

Sweetspot

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



46A393



B0D4CD



57A346



566B67



EBEBEB



6B6B6B

Same Dimension

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



46A393



44D4BB



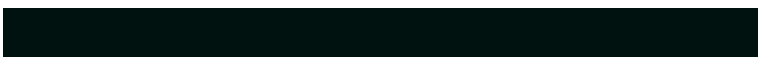
4686A3



495250



009178



00120F

Inverse Universe

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



A34656



D4445C



A36346



52494B



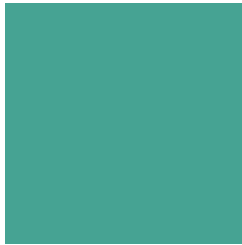
910019



120003

Previews

White Background



This preview shows how the Hex color 46A393 looks on a white background.

Color Contrast Check

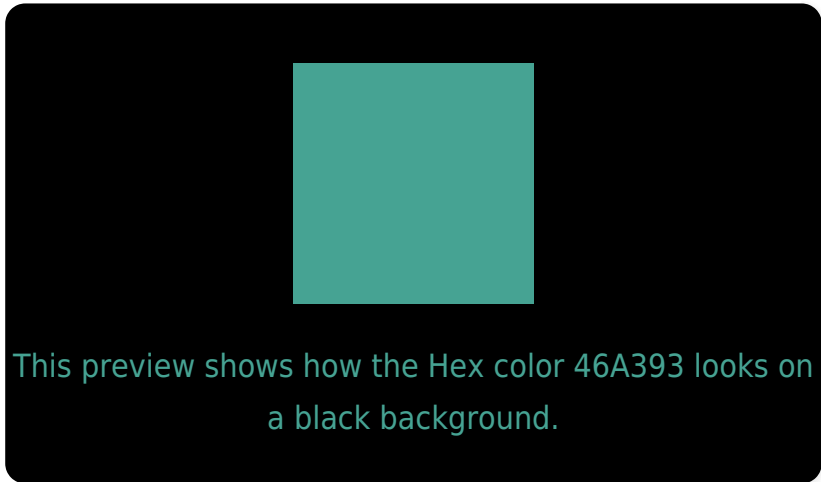
Large Text (above 18pt) WCAG AA ✓ Pass

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

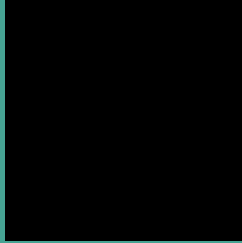
Any Text WCAG AA ✓ Pass

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 46A393 Background



This preview shows how black text looks on a background with the Hex color 46A393.

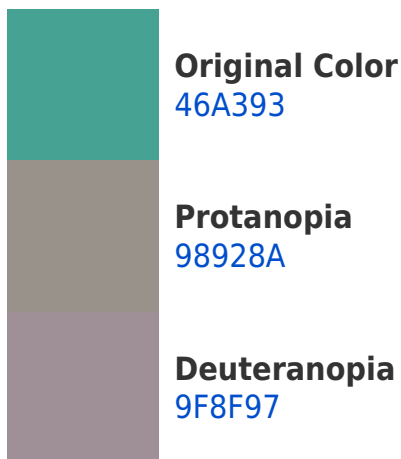


This preview shows how white text looks on a background with the Hex color 46A393.

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



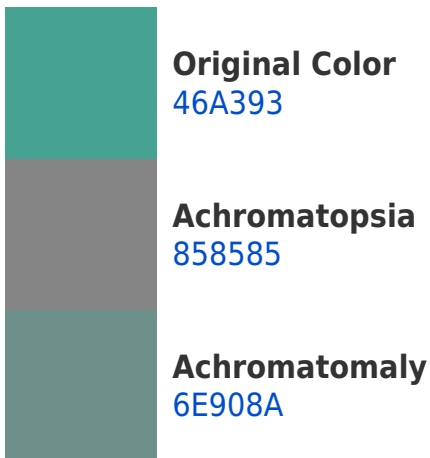


Tritanopia
4F9FAC

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 46A393 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 #46A393 looks like.

```
.text, #text, p{  
    color:#46A393  
}
```

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 #46A393 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A393
}
```

Border

The CSS property to change the border of an element to Hex 46A393 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
#46A393 }
```

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

```
.border{ border-color:#46A393 }
```

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

Here you see how a box with a 4 pixel #46A393 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A393; -webkit-box-shadow:4px 4px  
4px 4px #46A393; box-shadow:4px 4px 4px  
4px #46A393 }
```

Background

The CSS property to change the background color of an element to Hex 46A393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A393 }
```

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

```
.background{ background-color:#46A393 }
```

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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