

Converting Colors

Hex(219386)

Have a look what the booklet for
Hex(219386) contains.

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Color

Hex(219386)

Conversions

Conversions Part 1

Format	Color
Hex	219386
RGB	33, 147, 134
RGB Percent	13%, 58%, 53%
CMY	0.8706, 0.4235, 0.4745
CMYK	0.78, 0.00, 0.09, 0.42
HSL	173°, 63%, 35%
HSV	173°, 78%, 58%
XYZ	15.3640, 22.9120, 26.1669
YIQ	111.4320, -63.7710, -28.2110

Conversions

Conversions Part 2

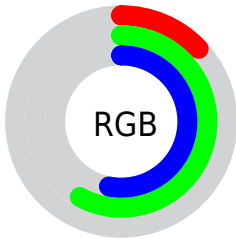
Format	Color
RYB	33, 93, 147
Decimal	2200454
CIELab	54.98, -33.59, -1.96
CIELCh	55, 33.643, 183.345
Yxy	22.9120, 0.2384, 0.3555
Android (android.graphics.Color)	4280390534 (0xFF219386)
YUV	111.4320, 11.1260, -68.7849
Hunter-Lab	47.8665, -26.4721, 1.0947

Details

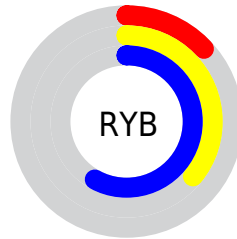
The Hex color **219386** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **93212E**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **62CABB**, and **006055** is the 20% darker color. If you saturate the color by 10%, you get **129384**, and if you desaturate by 10%, it is **309388**.

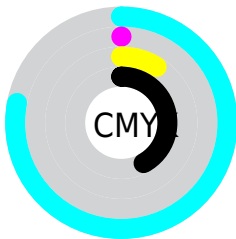
Distribution



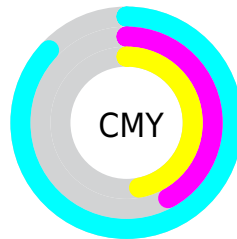
- Red (13%)
- Green (58%)
- Blue (53%)



- Red (13%)
- Yellow (36%)
- Blue (58%)



- Cyan (78%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



- Cyan (87%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219386 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 219386 by changing the saturation by 10% instead.

 219386

 219386

FFFFFF

 00796D

 62CABB

 006055

 7FE6D7

 00473D

 9CFFF3

 003028

 B9FFF

 001B13

 D6FFF

 000000

 F4FFF

 219386

 219386

 129384

 309388

049383

3E9389

009382

4D938B

5C938D

6A938E

799390

889392

979393

A59395

Harmonies

Analogous

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



519168



219386



0092A3

Triad

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



219386



8B7BB4



AB7950

Complementary

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



219386



93212E

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.



BA7065



219386



AB719E

Square

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



219386



5D85BD



BA6C81



938349

Rectangle

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



219386



008FB2



BA6C81



B27556

Sweetspot

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



219386



93BFBA



2E9321



46615E



E0E0E0



616161

Same Dimension

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



219386



0DBFAB



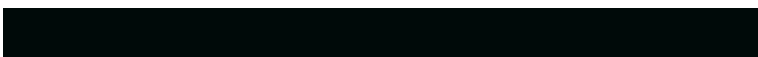
216793



434A49



008A7A



000A09

Inverse Universe

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



93212E



BF0D22



934D21



4A4343



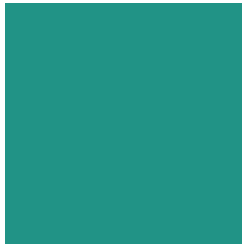
8A0010



0A0001

Previews

White Background



This preview shows how the Hex color 219386 looks on a white background.

Color Contrast Check

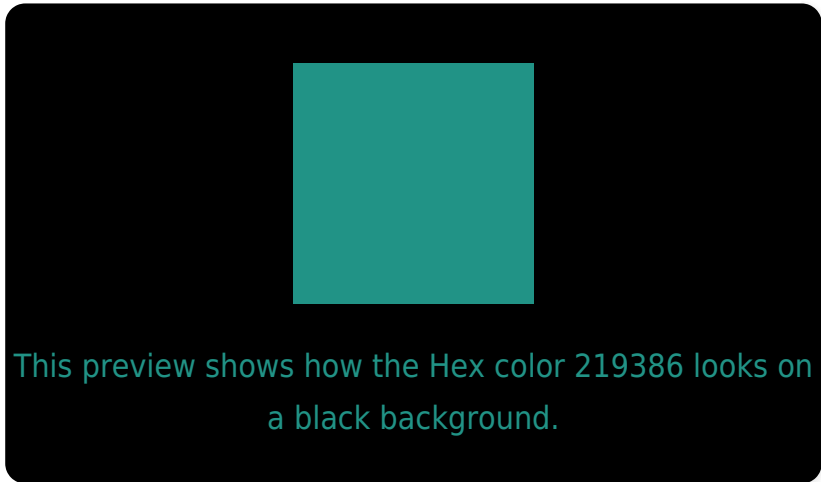
Large Text (above 18pt) WCAG AA ✓ Pass

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

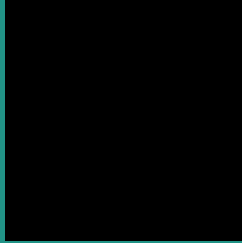
Any Text WCAG AA ✓ Pass

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 219386 Background



This preview shows how black text looks on a background with the Hex color 219386.

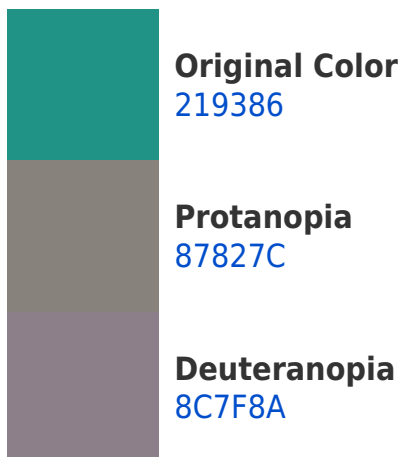


This preview shows how white text looks on a background with the Hex color 219386.

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](#).

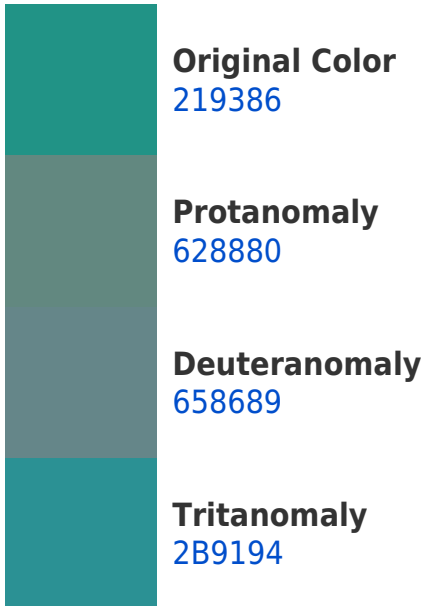
Dichromacy



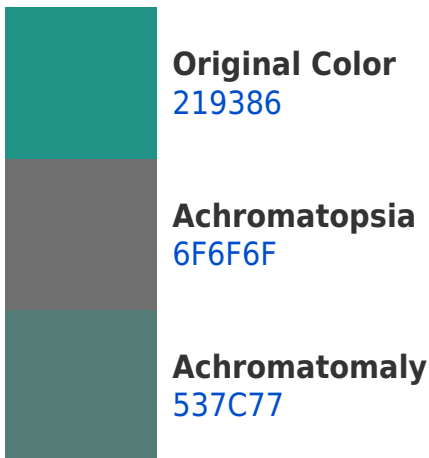


Tritanopia
30909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 219386 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 #219386 looks like.

```
.text, #text, p{  
    color:#219386  
}
```

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 #219386 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219386
}
```

Border

The CSS property to change the border of an element to Hex 219386 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
#219386 }
```

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

```
.border{ border-color:#219386 }
```

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

Here you see how a box with a 4 pixel #219386 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219386; -webkit-box-shadow:4px 4px  
4px 4px #219386; box-shadow:4px 4px 4px  
4px #219386 }
```

Background

The CSS property to change the background color of an element to Hex 219386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219386 }
```

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

```
.background{ background-color:#219386 }
```

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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