

Converting Colors

Hex(219591)

Have a look what the booklet for
Hex(219591) contains.

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Color

Hex(219591)

Conversions

Conversions Part 1

Format	Color
Hex	219591
RGB	33, 149, 145
RGB Percent	13%, 58%, 57%
CMY	0.8706, 0.4157, 0.4314
CMYK	0.78, 0.00, 0.03, 0.42
HSL	178°, 64%, 36%
HSV	178°, 78%, 58%
XYZ	16.4855, 23.8626, 30.5251
YIQ	113.8600, -67.8520, -25.8360

Conversions

Conversions Part 2

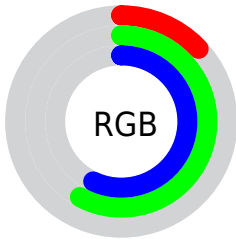
Format	Color
R_{YB}	33, 92, 149
Decimal	2200977
CIE _{Lab}	55.95, -31.29, -6.85
CIE _{LCh}	56, 32.027, 192.341
Yxy	23.8626, 0.2326, 0.3367
Android (android.graphics.Color)	4280391057 (0xFF219591)
YUV	113.8600, 15.3520, -70.9142
Hunter-Lab	48.8493, -25.2468, -2.8548

Details

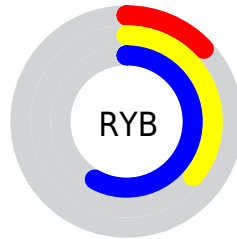
The Hex color **219591** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **952125**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **64CCC7**, and **00625F** is the 20% darker color. If you saturate the color by 10%, you get **129590**, and if you desaturate by 10%, it is **309592**.

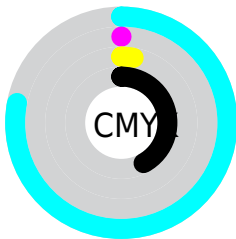
Distribution



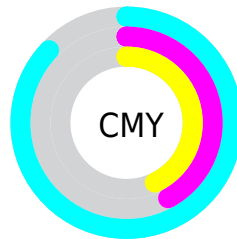
- Red (13%)
- Green (58%)
- Blue (57%)



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



- Cyan (78%)
- Magenta (0%)
- Yellow (3%)
- Black (42%)



- Cyan (87%)
- Magenta (42%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 219591 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 219591 by changing the saturation by 10% instead.

 219591

 219591

FFFFFF

 007B77

 64CCC7

 00625F

 81E8E3

 004947

 9EFFFF

 003231

 BBFFFF

 001E1C

 D8FFFF

 000000

 F6FFFF

 219591

 219591

 129590

 309592

039590

3F9592

009590

4E9593

5D9593

6C9594

7A9594

899595

989595

A79596

Harmonies

Analogous

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



4B9474



219591



0993AB

Triad

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



219591



987BAF



A77F51

Complementary

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



219591



952125

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.



B87662



219591



B27398

Square

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



219591



7085BC



BC707B



8D884F

Rectangle

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



219591



2E90B7



BC707B



AD7B55

Sweetspot

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



219591



95C2C0



279521



466160



E0E0E0



616161

Same Dimension

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



219591



0EC2BC



216195



434A4A



008A85



000A0A

Inverse Universe

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



952125



C20E14



955521



4A4343



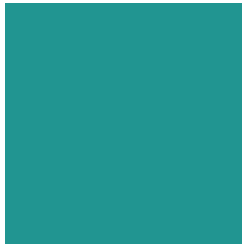
8A0005



0A0000

Previews

White Background



This preview shows how the Hex color 219591 looks on a white background.

Color Contrast Check

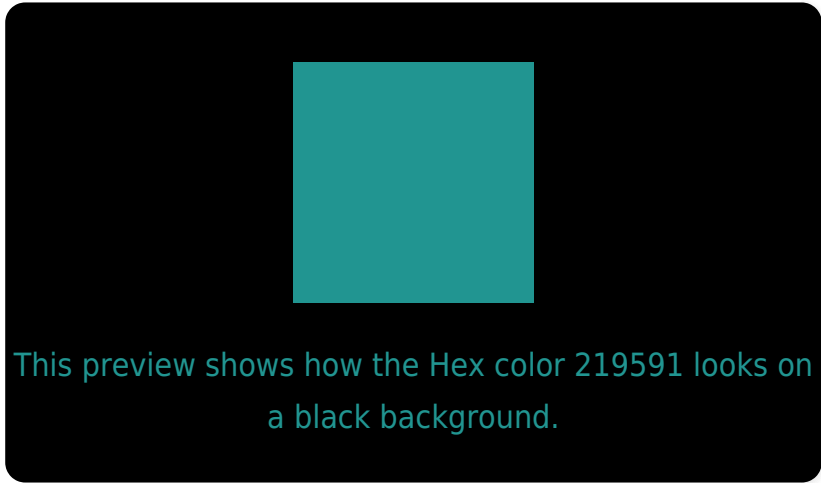
Large Text (above 18pt) WCAG AA ✓ Pass

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

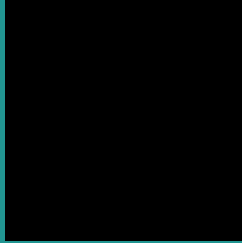
Any Text WCAG AA ✓ Pass

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 219591 Background



This preview shows how black text looks on a background with the Hex color 219591.

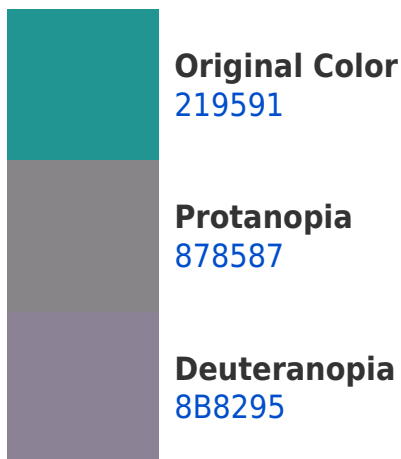


This preview shows how white text looks on a background with the Hex color 219591.

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
2C939F

Trichromacy



Original Color
219591



Protanomaly
628B8B



Deuteranomaly
648994



Tritanomaly
28949A

Monochromacy



Original Color
219591



Achromatopsia
727272



Achromatomaly
557F7D

CSS Examples

Text

The CSS property to change the color of the text to Hex 219591 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 #219591 looks like.

```
.text, #text, p{  
    color:#219591  
}
```

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 #219591 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #219591
}
```

Border

The CSS property to change the border of an element to Hex 219591 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
#219591 }
```

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

```
.border{ border-color:#219591 }
```

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

Here you see how a box with a 4 pixel #219591 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #219591; -webkit-box-shadow:4px 4px  
4px 4px #219591; box-shadow:4px 4px 4px  
4px #219591 }
```

Background

The CSS property to change the background color of an element to Hex 219591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#219591 }
```

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

```
.background{ background-color:#219591 }
```

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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