

# Converting Colors

Hex(229587)

Have a look what the booklet for  
Hex(229587) contains.

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# Color

Hex(229587)

# Conversions

## Conversions Part 1

Format	Color
Hex	229587
RGB	34, 149, 135
RGB Percent	13%, 58%, 53%
CMY	0.8667, 0.4157, 0.4706
CMYK	0.77, 0.00, 0.09, 0.42
HSL	173°, 63%, 36%
HSV	173°, 77%, 58%
XYZ	15.7803, 23.5842, 26.6422
YIQ	113.0190, -64.0460, -28.7340

# Conversions

## Conversions Part 2

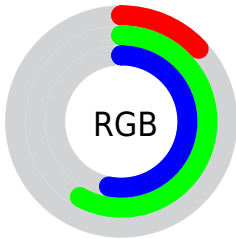
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 95, 149
Decimal	2266503
CIE <sub>Lab</sub>	55.67, -34.11, -1.53
CIE <sub>LCh</sub>	56, 34.145, 182.561
Yxy	23.5842, 0.2391, 0.3573
Android (android.graphics.Color)	4280456583 (0xFF229587)
YUV	113.0190, 10.8366, -69.2997
Hunter-Lab	48.5636, -26.9844, 1.4678

# Details

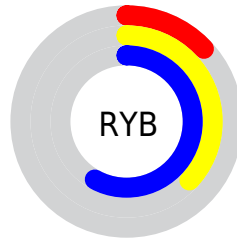
The Hex color **229587** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **952230**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **63CCBC**, and **006155** is the 20% darker color. If you saturate the color by 10%, you get **139585**, and if you desaturate by 10%, it is **319589**.

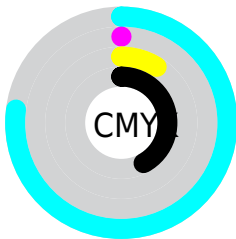
# Distribution



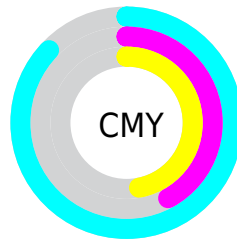
- Red (13%)
- Green (58%)
- Blue (53%)



- Red (13%)
- Yellow (37%)
- Blue (58%)



- Cyan (77%)
- Magenta (0%)
- Yellow (9%)
- Black (42%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 229587 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 229587 by changing the saturation by 10% instead.



 229587

 229587

FFFFFF

 007B6E

 63CCBC

 006155

 80E8D8

 00493E

 9DFFF4

 003129

 BAF0FF

 001D14

 D7FFF0

 000000

 F5FFF0

 229587

 229587

 139585

 319589

049583

40958B

009583

4F958C

5E958E

6D9590

7B9592

8A9594

999596

A89597

# Harmonies

## Analogous

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



529369



229587



0094A4

# Triad

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



229587



8C7DB7



AE7A51

# Complementary

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



229587



952230

# 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.



BD7167



229587



AD73A1

# Square

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



229587



5D87C0



BD6E84



968449

# Rectangle

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



229587



0092B4



BD6E84



B57757



# Sweetspot

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



229587



95C2BC



319522



46615E



E0E0E0



616161



# Same Dimension

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



229587



0EC2AC



226B95



434A49



008A79



000A09



# Inverse Universe

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



952230



C20E24



954C22



4A4343



8A0011

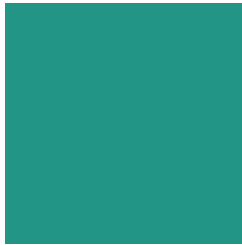


0A0001



# Previews

## White Background



This preview shows how the Hex color 229587 looks on a white background.

## Color Contrast Check

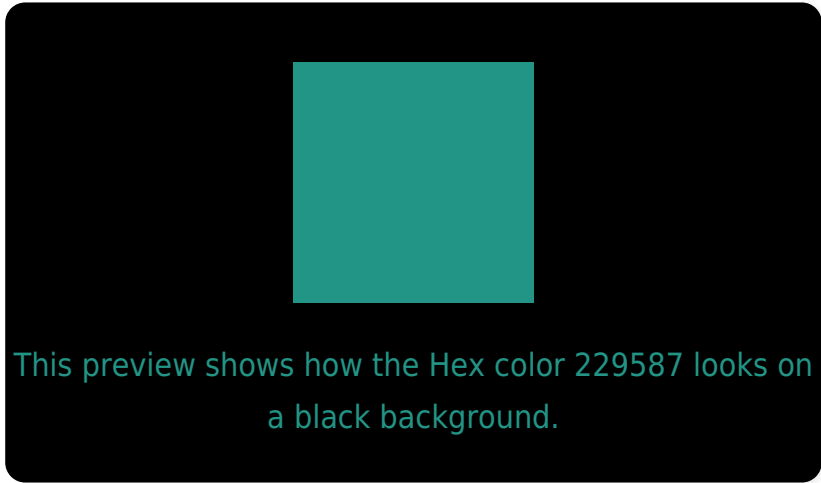
Large Text (above 18pt) WCAG AA ✓ Pass

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

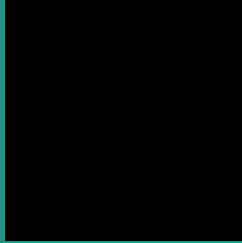
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 229587 Background



This preview shows how black text looks on a background with the Hex color 229587.

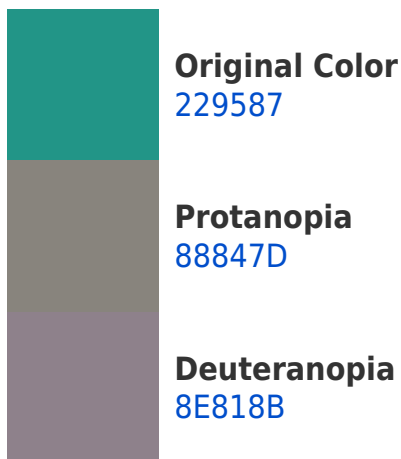


This preview shows how white text looks on a background with the Hex color 229587.

# 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**  
31929E

# Trichromacy



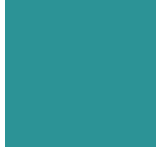
**Original Color**  
229587



**Protanomaly**  
638A81



**Deuteranomaly**  
67888A



**Tritanomaly**  
2C9396

# Monochromacy



**Original Color**  
229587



**Achromatopsia**  
717171



**Achromatomaly**  
547E79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 229587 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 #229587 looks like.

```
.text, #text, p{  
    color:#229587  
}
```

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 #229587 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #229587
}
```

## Border

The CSS property to change the border of an element to Hex 229587 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
#229587 }
```

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

```
.border{ border-color:#229587 }
```

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

Here you see how a box with a 4 pixel #229587 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #229587; -webkit-box-shadow:4px 4px  
4px 4px #229587; box-shadow:4px 4px 4px  
4px #229587 }
```

# Background

The CSS property to change the background color of an element to Hex 229587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#229587 }
```

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

```
.background{ background-color:#229587 }
```

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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