

Converting Colors

Hex(319A72)

Have a look what the booklet for
Hex(319A72) contains.

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Color

Hex(319A72)

Conversions

Conversions Part 1

Format	Color
Hex	319A72
RGB	49, 154, 114
RGB Percent	19%, 60%, 45%
CMY	0.8078, 0.3961, 0.5529
CMYK	0.68, 0.00, 0.26, 0.40
HSL	157°, 52%, 40%
HSV	157°, 68%, 60%
XYZ	15.8595, 24.9791, 19.9052
YIQ	118.0450, -49.7400, -34.7000

Conversions

Conversions Part 2

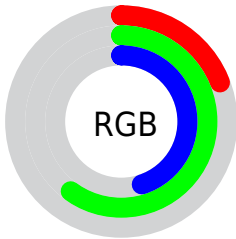
Format	Color
R_{YB}	49, 114, 154
Decimal	3250802
CIE _{Lab}	57.06, -39.63, 12.45
CIE _{LCh}	57, 41.535, 162.561
Y _{xy}	24.9791, 0.2611, 0.4112
Android (android.graphics.Color)	4281440882 (0xFF319A72)
YUV	118.0450, -1.9942, -60.5525
Hunter-Lab	49.9791, -30.8213, 11.3719

Details

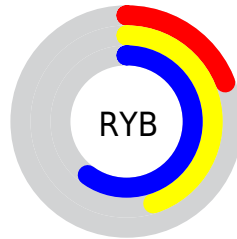
The Hex color **319A72** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A3159**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **6CD1A6**, and **006642** is the 20% darker color. If you saturate the color by 10%, you get **229A6C**, and if you desaturate by 10%, it is **409A78**.

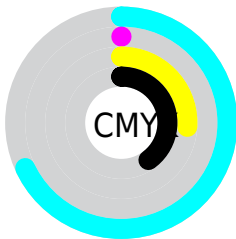
Distribution



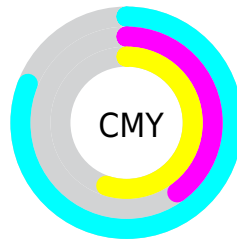
- Red (19%)
- Green (60%)
- Blue (45%)



- Red (19%)
- Yellow (45%)
- Blue (60%)



- Cyan (68%)
- Magenta (0%)
- Yellow (26%)
- Black (40%)



- Cyan (81%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319A72 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 319A72 by changing the saturation by 10% instead.



319A72



319A72

FFFFFF



038059



6CD1A6



006642



88EEC1



004D2C



A5FFDD



003517



C2FFFA



002000



DFFFFFF



000000

FDFFFF



319A72



319A72



229A6C



409A78

■ 129A66

■ 509A7E

■ 039A60

■ 5F9A84

■ 009A5F

■ 6F9A89

■ 7E9A8F

■ 8D9A95

■ 9D9A9B

■ AC9AA1

■ BC9AA7

Harmonies

Analogous

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



689552



319A72



009C97

Triad

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



319A72



6987D0



C7735A

Complementary

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



319A72



9A3159

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.



CE6B7B



319A72



A07ABF

Square

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



319A72



0093CE



C16EA0



B07F43

Rectangle

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



319A72



009AAF



C16EA0



CB6F64

Sweetspot

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



319A72



A1C9BA



599A31



4E665D



E6E6E6



666666

Same Dimension

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



319A72



24C98B



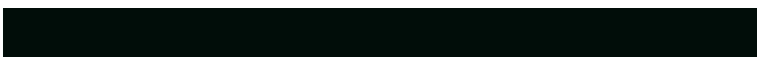
318E9A



454D4A



008C57



000D08

Inverse Universe

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



9A3159



C92463



9A3D31



4D4548



8C0035



0D0005

Previews

White Background



This preview shows how the Hex color 319A72 looks on a white background.

Color Contrast Check

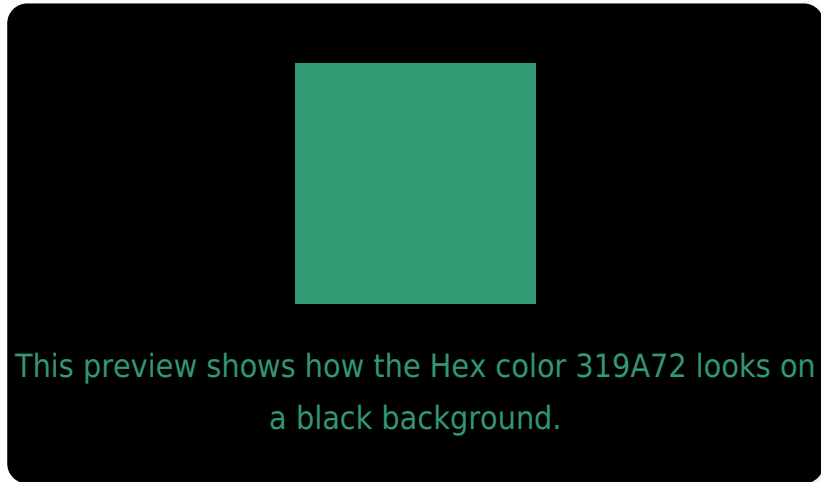
Large Text (above 18pt) WCAG AA ✓ Pass

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

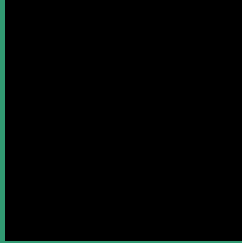
Any Text WCAG AA ✓ Pass

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 319A72 Background



This preview shows how black text looks on a background with the Hex color 319A72.

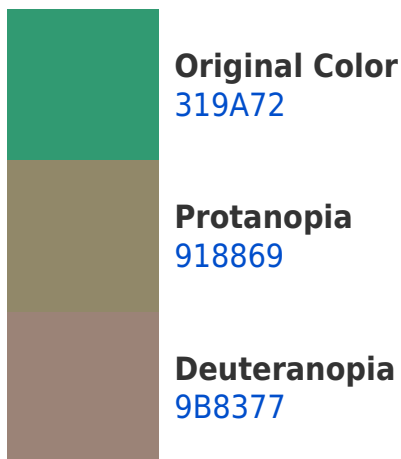


This preview shows how white text looks on a background with the Hex color 319A72.

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
4494A0

Trichromacy



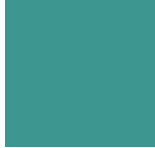
Original Color
319A72



Protanomaly
6E8F6C



Deuteranomaly
748B75



Tritanomaly
3D968F

Monochromacy



Original Color
319A72



Achromatopsia
767676



Achromatomaly
5D8375

CSS Examples

Text

The CSS property to change the color of the text to Hex 319A72 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 #319A72 looks like.

```
.text, #text, p{  
    color:#319A72  
}
```

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 #319A72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319A72
}
```

Border

The CSS property to change the border of an element to Hex 319A72 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
#319A72 }
```

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

```
.border{ border-color:#319A72 }
```

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

Here you see how a box with a 4 pixel #319A72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319A72; -webkit-box-shadow:4px 4px  
4px 4px #319A72; box-shadow:4px 4px 4px  
4px #319A72 }
```

Background

The CSS property to change the background color of an element to Hex 319A72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319A72 }
```

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

```
.background{ background-color:#319A72 }
```

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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