

Converting Colors

Hex(319260)

Have a look what the booklet for
Hex(319260) contains.

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Color

Hex(319260)

Conversions

Conversions Part 1

Format	Color
Hex	319260
RGB	49, 146, 96
RGB Percent	19%, 57%, 38%
CMY	0.8078, 0.4275, 0.6235
CMYK	0.66, 0.00, 0.34, 0.43
HSL	149°, 50%, 38%
HSV	149°, 66%, 57%
XYZ	13.6568, 22.0553, 14.6036
YIQ	111.2970, -41.7620, -36.1140

Conversions

Conversions Part 2

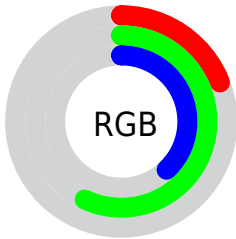
Format	Color
RYB	49, 114, 146
Decimal	3248736
CIELab	54.09, -40.21, 18.46
CIELCh	54, 44.246, 155.339
Yxy	22.0553, 0.2714, 0.4383
Android (android.graphics.Color)	4281438816 (0xFF319260)
YUV	111.2970, -7.5414, -54.6345
Hunter-Lab	46.9630, -30.2776, 14.4373

Details

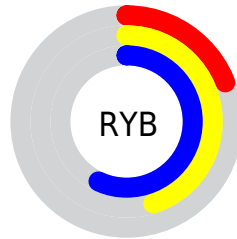
The Hex color **319260** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **923163**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **6AC993**, and **005E31** is the 20% darker color. If you saturate the color by 10%, you get **229258**, and if you desaturate by 10%, it is **409268**.

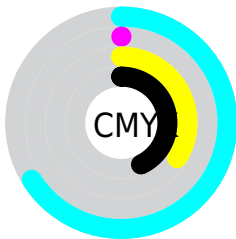
Distribution



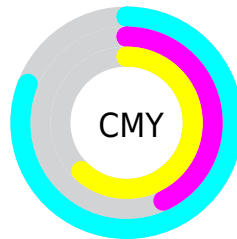
- Red (19%)
- Green (57%)
- Blue (38%)



- Red (19%)
- Yellow (45%)
- Blue (57%)



- Cyan (66%)
- Magenta (0%)
- Yellow (34%)
- Black (43%)




- Cyan (81%)
- Magenta (43%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319260 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 319260 by changing the saturation by 10% instead.

 319260

 319260

FFFFFF

 087848

 6AC993

 005E31

 86E5AE

 00461B

 A2FFC9

 002F03


 BFFFE5


 001700

 DCFFFF

 000000

 F9FFFF

 319260

 319260

 229258

 409268

■ 149251

■ 4E926F

■ 059249

■ 5D9277

■ 009247

■ 6B927E

■ 7A9286

■ 89928D

■ 979295

■ A6929C

■ B492A4

Harmonies

Analogous

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



698C40



319260



009487

Triad

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



319260



4883CD



C56657

Complementary

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



319260



923163

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.



C8607C



319260



8D75C0

Square

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



319260



008EC6



B666A2



B1743B

Rectangle

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



319260



0094A1



B666A2



C86363

Sweetspot

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



319260



97BDA9



639231



485E53



DEDEDE



5E5E5E

Same Dimension

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



319260



26BD6F



319290



434A46



008A43



000A05

Inverse Universe

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



923163



BD2674



923133



4A4346



8A0047



0A0005

Previews

White Background



This preview shows how the Hex color 319260 looks on a white background.

Color Contrast Check

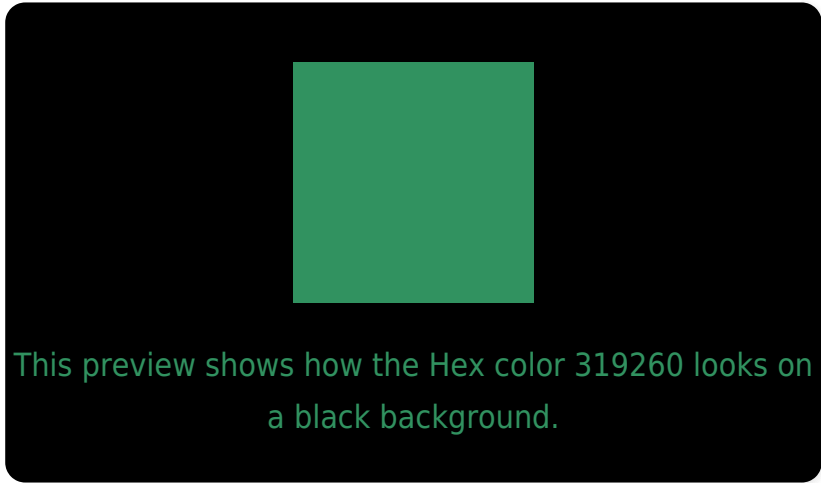
Large Text (above 18pt) WCAG AA ✓ Pass

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

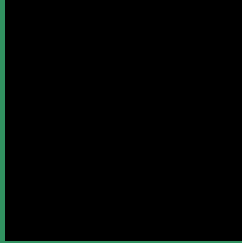
Any Text WCAG AA ✓ Pass

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 319260 Background



This preview shows how black text looks on a background with the Hex color 319260.

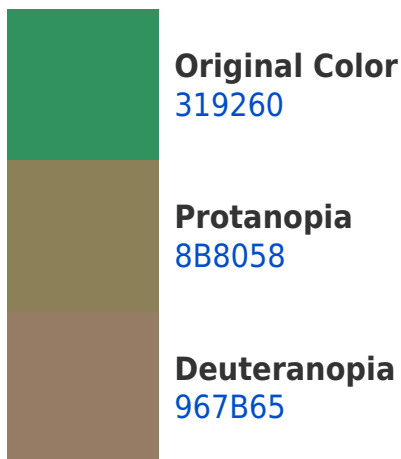


This preview shows how white text looks on a background with the Hex color 319260.

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](#).

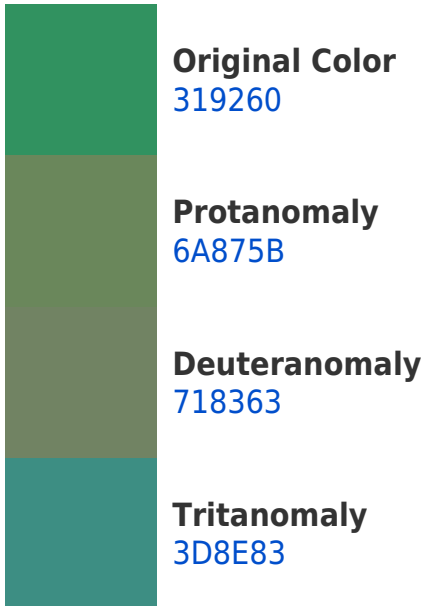
Dichromacy



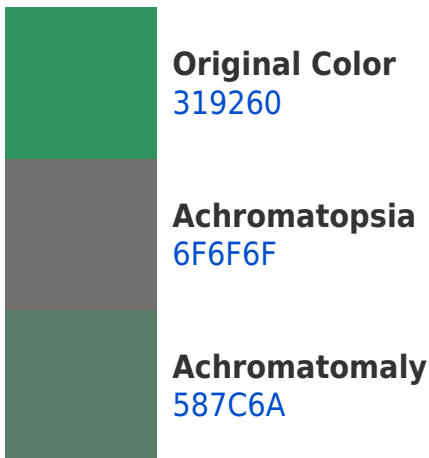


Tritanopia
448B97

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319260 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 #319260 looks like.

```
.text, #text, p{  
    color:#319260  
}
```

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 #319260 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319260
}
```

Border

The CSS property to change the border of an element to Hex 319260 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
#319260 }
```

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

```
.border{ border-color:#319260 }
```

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

Here you see how a box with a 4 pixel #319260 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319260; -webkit-box-shadow:4px 4px  
4px 4px #319260; box-shadow:4px 4px 4px  
4px #319260 }
```

Background

The CSS property to change the background color of an element to Hex 319260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319260 }
```

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

```
.background{ background-color:#319260 }
```

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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