

# Converting Colors

Hex(819396)

Have a look what the booklet for  
Hex(819396) contains.

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# Color

**Hex(819396)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 819396                      |
| RGB         | 129, 147, 150               |
| RGB Percent | 51%, 58%, 59%               |
| CMY         | 0.4941, 0.4235, 0.4118      |
| CMYK        | 0.14, 0.02, 0.00, 0.41      |
| HSL         | 189°, 9%, 55%               |
| HSV         | 189°, 14%, 59%              |
| XYZ         | 24.9920, 27.7366, 32.8906   |
| YIQ         | 141.9600, -11.6910, -2.8830 |

# Conversions

## Conversions Part 2

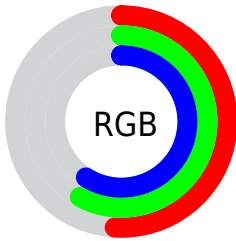
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 129, 139, 150                 |
| Decimal                             | 8491926                       |
| CIELab                              | 59.65, -5.75, -3.76           |
| CIElCh                              | 60, 6.874, 213.192            |
| Yxy                                 | 27.7366, 0.2919,<br>0.3240    |
| Android<br>(android.graphics.Color) | 4286682006<br>(0xFF819396)    |
| YUV                                 | 141.9600, 3.9637,<br>-11.3659 |
| Hunter-Lab                          | 52.6655, -7.4589,<br>-0.1619  |

# Details

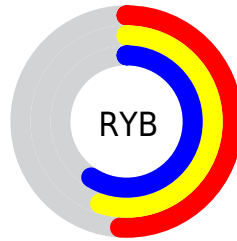
The Hex color **819396** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **968481**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B6C9CC**, and **4F6063** is the 20% darker color. If you saturate the color by 10%, you get **729196**, and if you desaturate by 10%, it is **909596**.

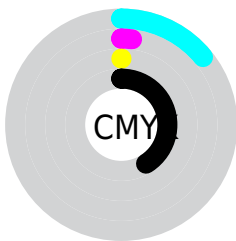
# Distribution



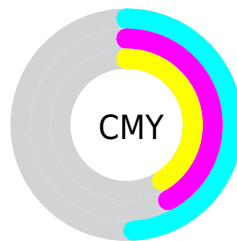
- Red (51%)
- Green (58%)
- Blue (59%)



- Red (51%)
- Yellow (55%)
- Blue (59%)



- Cyan (14%)
- Magenta (2%)
- Yellow (0%)
- Black (41%)



- Cyan (49%)
- Magenta (42%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 819396 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 819396 by changing the saturation by 10% instead.





819396



819396

FFFFFF



68797C



B6C9CC



4F6063



D2E5E8



38494B



EEFFFF



223235



0E1D20



000008



000000



819396



819396



729196



909596

638F96

9F9796

548D96

AE9996

458A96

BD9C96

368896

CC9E96

278696

DBA096

188496

EAA296

098296

F9A496

008196

FFA696

# Harmonies

## Analogous

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



829390



819396



84929A

# Triad

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



819396



988C95



948F84

# Complementary

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



819396



968481

# 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.



9A8D85



819396



9C8C8F

# Square

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



819396



928E9A



9D8C89



8D9185

# Rectangle

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



819396



88919B



9D8C89



968F84



# Sweetspot

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



819396



BAC1C2



819684



5C6061



E0E0E0



616161



# Same Dimension

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



819396



A1BDC2



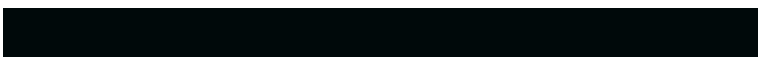
818996



43494A



00768A



00090A



# Inverse Universe

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



968193



C2A1BD



968E81



4A4349



8A0076



0A0009



# Previews

## White Background



This preview shows how the Hex color 819396 looks on a white background.

## Color Contrast Check

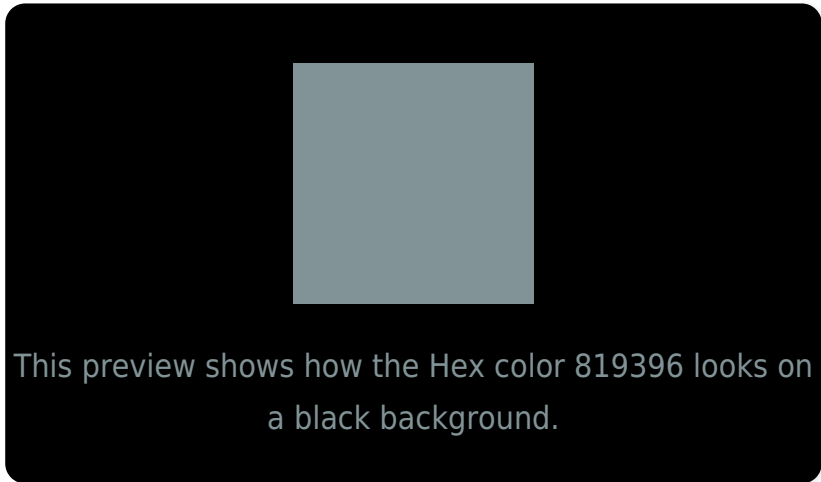
Large Text (above 18pt) WCAG AA ✓ Pass

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

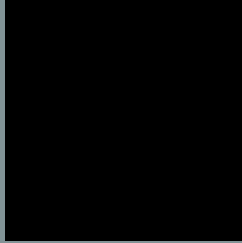
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

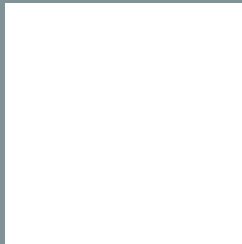
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 819396 Background



This preview shows how black text looks on a background with the Hex color 819396.

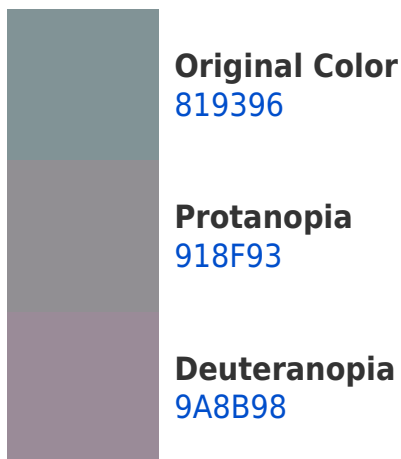


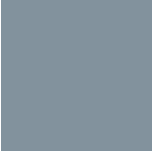
This preview shows how white text looks on a background with the Hex color 819396.

# 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**  
82929D

# Trichromacy



**Original Color**  
819396

**Protanomaly**  
8B9094

**Deuteranomaly**  
918E97

**Tritanomaly**  
82929A

# Monochromacy



**Original Color**  
819396

**Achromatopsia**  
8E8E8E

**Achromatomaly**  
899091

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 819396 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 #819396 looks like.

```
.text, #text, p{  
    color:#819396  
}
```

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 #819396 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819396
}
```

## Border

The CSS property to change the border of an element to Hex 819396 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
#819396 }
```

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

```
.border{ border-color:#819396 }
```

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

Here you see how a box with a 4 pixel #819396 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819396; -webkit-box-shadow:4px 4px  
4px 4px #819396; box-shadow:4px 4px 4px  
4px #819396 }
```

# Background

The CSS property to change the background color of an element to Hex 819396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819396 }
```

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

```
.background{ background-color:#819396 }
```

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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