

Converting Colors

Hex(819642)

Have a look what the booklet for
Hex(819642) contains.

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Color

Hex(819642)

Conversions

Conversions Part 1

Format	Color
Hex	819642
RGB	129, 150, 66
RGB Percent	51%, 59%, 26%
CMY	0.4941, 0.4118, 0.7412
CMYK	0.14, 0.00, 0.56, 0.41
HSL	75°, 39%, 42%
HSV	75°, 56%, 59%
XYZ	20.9430, 26.8732, 9.2375
YIQ	134.1450, 14.4480, -30.5760

Conversions

Conversions Part 2

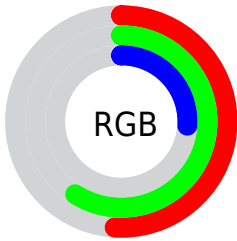
Format	Color
RYB	66, 150, 87
Decimal	8492610
CIELab	58.86, -20.66, 41.18
CIElCh	59, 46.075, 116.643
Yxy	26.8732, 0.3671, 0.4710
Android (android.graphics.Color)	4286682690 (0xFF819642)
YUV	134.1450, -33.5955, -4.5122
Hunter-Lab	51.8393, -18.6052, 25.7224

Details

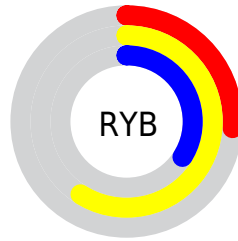
The Hex color **819642** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **574296**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B8CC75**, and **4D630F** is the 20% darker color. If you saturate the color by 10%, you get **7D9633**, and if you desaturate by 10%, it is **859651**.

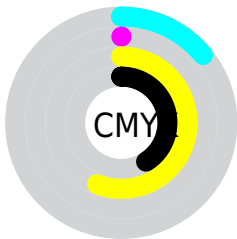
Distribution



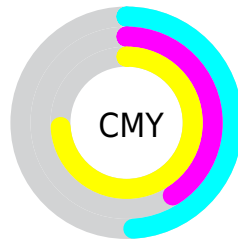
- Red (51%)
- Green (59%)
- Blue (26%)



- Red (26%)
- Yellow (59%)
- Blue (34%)



- Cyan (14%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)



- Cyan (49%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 819642 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 819642 by changing the saturation by 10% instead.



819642



819642

FFFFFF



677C29



B8CC75



4D630F



D4E88F



354B00



F1FFAA



1C3400



FFFFC6



002000



FFFFE2



000000



819642



819642



7D9633



859651



7A9624



899660

■ 769615

■ 8C966F

■ 729606

■ 90967E

■ 719600

■ 94968D

■ 98969C

■ 9B96AB

■ 9F96BA

■ A396C9

Harmonies

Analogous

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



A98A3A



819642



4E9E5F

Triad

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



819642



009DD0



D56B94

Complementary

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



819642



574296

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.



BB75BB



819642



3093DE

Square

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



819642



00A1B1



8985D6



D86E6C

Rectangle

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



819642



09A17A



8985D6



CF6DA1

Sweetspot

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



819642



BAC2A1



965742



5C614E



E0E0E0



616161

Same Dimension

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



819642



A1C240



579642



484A43



678A00



080A00

Inverse Universe

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



574296



6040C2



814296



44434A



22008A



03000A

Previews

White Background



This preview shows how the Hex color 819642 looks on a white background.

Color Contrast Check

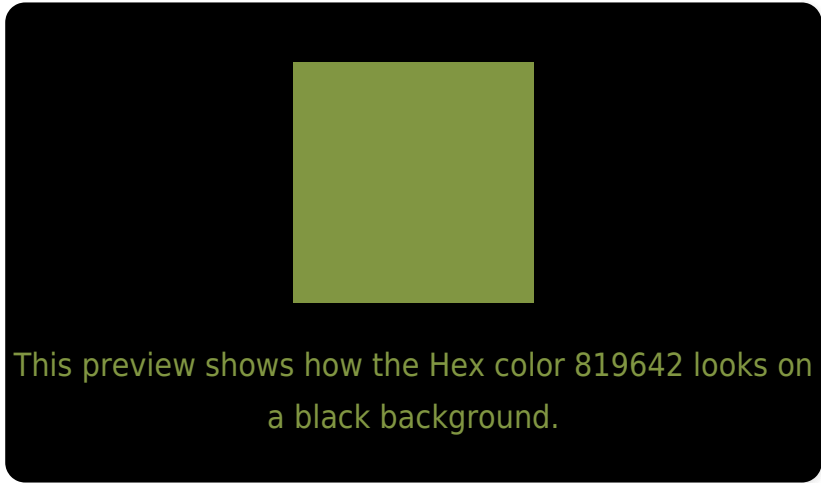
Large Text (above 18pt) WCAG AA ✓ Pass

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

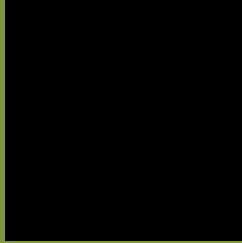
Any Text WCAG AA ✓ Pass

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 819642 Background



This preview shows how black text looks on a background with the Hex color 819642.




This preview shows how white text looks on a background with the Hex color 819642.

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](#).

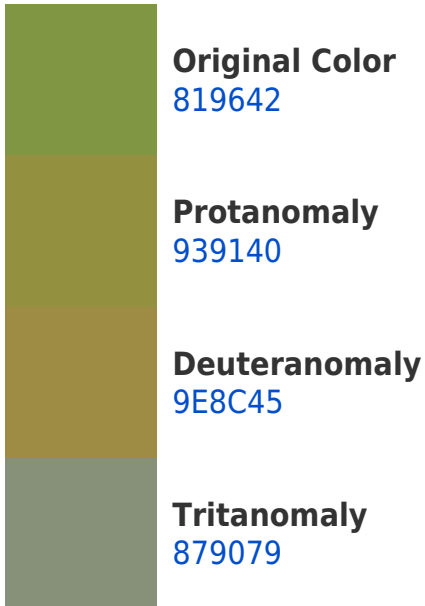
Dichromacy



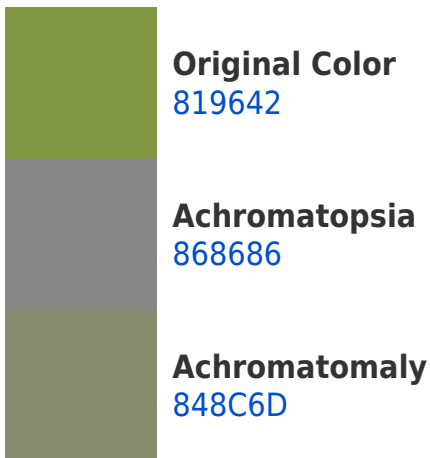


Tritanopia
8B8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 819642 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 #819642 looks like.

```
.text, #text, p{  
    color:#819642  
}
```

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 #819642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #819642
}
```

Border

The CSS property to change the border of an element to Hex 819642 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
#819642 }
```

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

```
.border{ border-color:#819642 }
```

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

Here you see how a box with a 4 pixel #819642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #819642; -webkit-box-shadow:4px 4px  
4px 4px #819642; box-shadow:4px 4px 4px  
4px #819642 }
```

Background

The CSS property to change the background color of an element to Hex 819642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#819642 }
```

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

```
.background{ background-color:#819642 }
```

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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