

Converting Colors

Hex(319642)

Have a look what the booklet for
Hex(319642) contains.

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Color

Hex(319642)

Conversions

Conversions Part 1

Format	Color
Hex	319642
RGB	49, 150, 66
RGB Percent	19%, 59%, 26%
CMY	0.8078, 0.4118, 0.7412
CMYK	0.67, 0.00, 0.56, 0.41
HSL	130°, 51%, 39%
HSV	130°, 67%, 59%
XYZ	13.1563, 22.8590, 8.8731
YIQ	110.2250, -33.2320, -47.5360

Conversions

Conversions Part 2

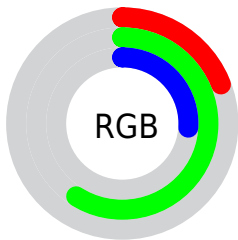
Format	Color
R_{YB}	49, 135, 150
Decimal	3249730
CIE _{Lab}	54.93, -47.08, 35.58
CIE _{LCh}	55, 59.007, 142.919
Yxy	22.8590, 0.2931, 0.5092
Android (android.graphics.Color)	4281439810 (0xFF319642)
YUV	110.2250, -21.8029, -53.6943
Hunter-Lab	47.8111, -34.5510, 22.4644

Details

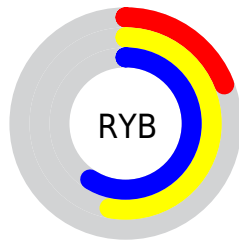
The Hex color **319642** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **963185**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **6CCD74**, and **006211** is the 20% darker color. If you saturate the color by 10%, you get **229636**, and if you desaturate by 10%, it is **40964E**.

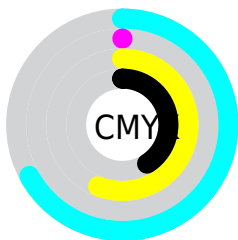
Distribution



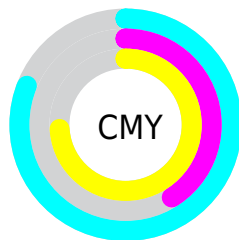
- Red (19%)
- Green (59%)
- Blue (26%)



- Red (19%)
- Yellow (53%)
- Blue (59%)



- Cyan (67%)
- Magenta (0%)
- Yellow (56%)
- Black (41%)




- Cyan (81%)
- Magenta (41%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 319642 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 319642 by changing the saturation by 10% instead.

 319642

 319642

FFFFFF

 047C2A

 6CCD74

 006211

 88EA8E

 004900

 A4FFA9

 003200


 C1FFC5

 001A00

 DEFFE1

 000000

 FCFFFE

 319642

 319642

 229636

 40964E

■ 139629

■ 4F965B

■ 04961D

■ 5E9667

■ 009619

■ 6D9674

■ 7C9680

■ 8B968D

■ 9A9699

■ A996A6

■ B896B2

Harmonies

Analogous

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



778C16



319642



009B75

Triad

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



319642



008DE9



DE555F

Complementary

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



319642



963185

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.



D95292



319642



6C7BE2

Square

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



319642



0097D4



B564C2



CB6832

Rectangle

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



319642



009C99



B564C2



DF516F

Sweetspot

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



319642



9BC2A2



859631



4A614E



E0E0E0



616161

Same Dimension

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



319642



25C23F



319674



434A44



008A17



000A02

Inverse Universe

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



963185



C225A7



963153



4A4349



8A0073



0A0008

Previews

White Background



This preview shows how the Hex color 319642 looks on a white background.

Color Contrast Check

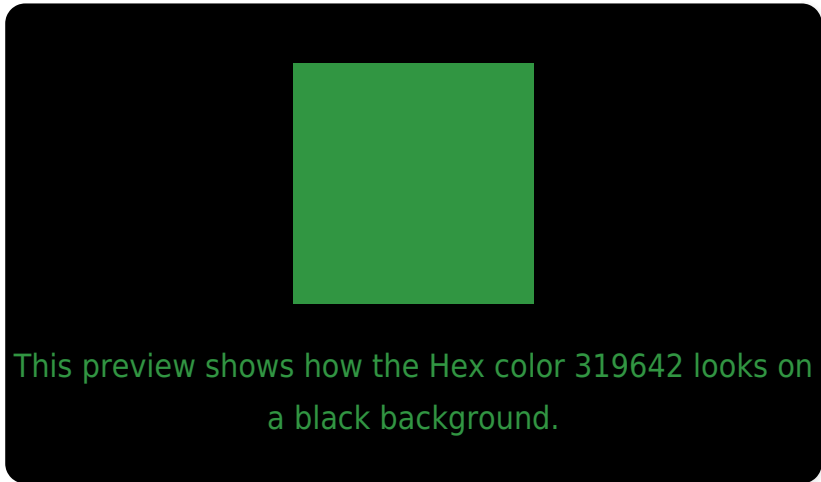
Large Text (above 18pt) WCAG AA ✓ Pass

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 319642 Background



This preview shows how black text looks on a background with the Hex color 319642.




This preview shows how white text looks on a background with the Hex color 319642.

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](#).

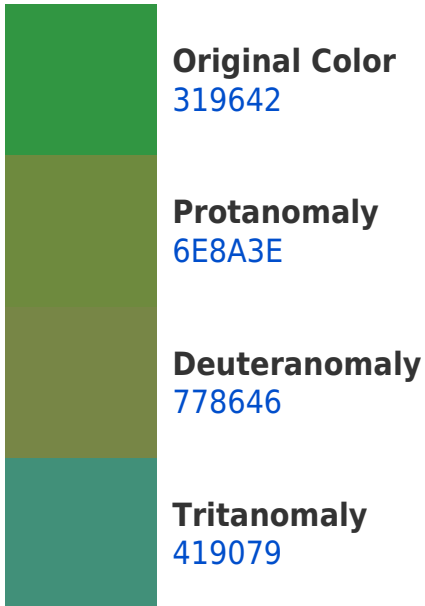
Dichromacy



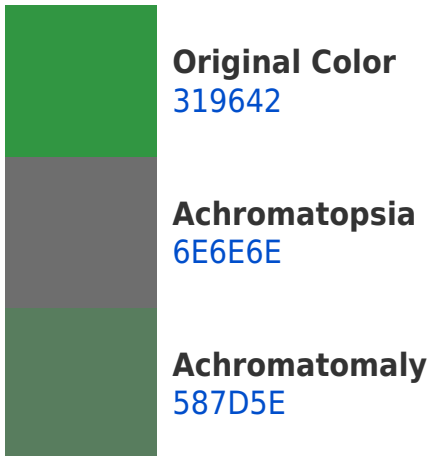


Tritanopia
4A8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 319642 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 #319642 looks like.

```
.text, #text, p{  
    color:#319642  
}
```

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 #319642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319642
}
```

Border

The CSS property to change the border of an element to Hex 319642 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
#319642 }
```

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

```
.border{ border-color:#319642 }
```

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

Here you see how a box with a 4 pixel #319642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319642; -webkit-box-shadow:4px 4px  
4px 4px #319642; box-shadow:4px 4px 4px  
4px #319642 }
```

Background

The CSS property to change the background color of an element to Hex 319642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319642 }
```

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

```
.background{ background-color:#319642 }
```

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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