

# Converting Colors

Hex(319200)

Have a look what the booklet for  
Hex(319200) contains.

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**Color**

**Hex(319200)**

# Conversions

## Conversions Part 1

Format	Color
Hex	319200
RGB	49, 146, 0
RGB Percent	19%, 57%, 0%
CMY	0.8078, 0.4275, 1.0000
CMYK	0.66, 0.00, 1.00, 0.43
HSL	100°, 100%, 29%
HSV	100°, 100%, 57%
XYZ	11.5455, 21.2107, 3.4856
YIQ	100.3530, -10.9460, -65.9700

# Conversions

## Conversions Part 2

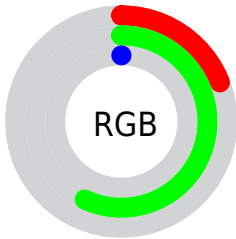
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 146, 97
Decimal	3248640
CIELab	53.18, -50.56, 55.77
CIELCh	53, 75.279, 132.195
Yxy	21.2107, 0.3186, 0.5853
Android (android.graphics.Color)	4281438720 (0xFF319200)
YUV	100.3530, -49.4740, -45.0366
Hunter-Lab	46.0551, -35.8485, 27.7514

# Details

The Hex color **319200** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **610092**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **6DC944**, and **005E00** is the 20% darker color. If you saturate the color by 10%, you get **319200**, and if you desaturate by 10%, it is **3B920F**.

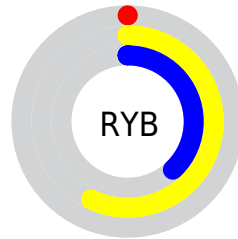
# Distribution



Red (19%)

Green (57%)

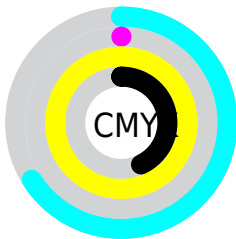
Blue (0%)



Red (0%)

Yellow (57%)

Blue (38%)

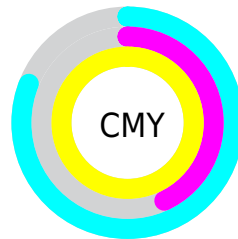


Cyan (66%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (81%)

Magenta (43%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 319200 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 319200 by changing the saturation by 10% instead.



 319200

 319200

FFFFFF

 007800

 6DC944

 005E00

 8AE55F

 004500

 A7FF7A

 002F00

 C4FF96


 001300

 E2FFB2

 000000

 FFFFCE

 FFFFEB

 319200

 3B920F

 44921D

 4E922C

 58923A

 629249

 6B9258

 759266

 7F9275

 889283

# Harmonies

## Analogous

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



828500



319200



009955

# Triad

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



319200



0091FB



EF2C68

# Complementary

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



319200



610092

# 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.



DD39A8



319200



007EFF

# Square

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



319200



0099D5



A15FE0



E04C29

# Rectangle

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



319200



009B82



A15FE0



ED2A7D



# Sweetspot

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



319200



97BD84



925F00



485E3C



DEDEDE



5E5E5E



# Same Dimension

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



319200



3FBD00



009216



454A43



2E8A00



030A00



# Inverse Universe

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



610092



7D00BD



92007C



47434A



5B008A

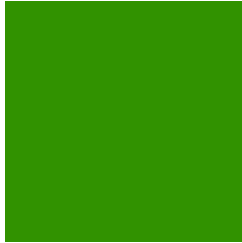


07000A



# Previews

## White Background



This preview shows how the Hex color 319200 looks on a white background.

## Color Contrast Check

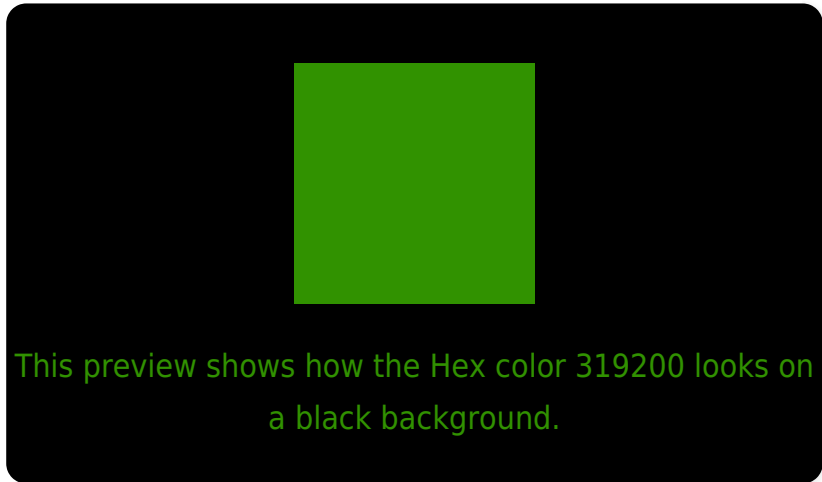
Large Text (above 18pt) WCAG AA ✓ Pass

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 319200 Background



This preview shows how black text looks on a background with the Hex color 319200.



This preview shows how white text looks on a background with the Hex color 319200.

# 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



**Original Color**  
319200

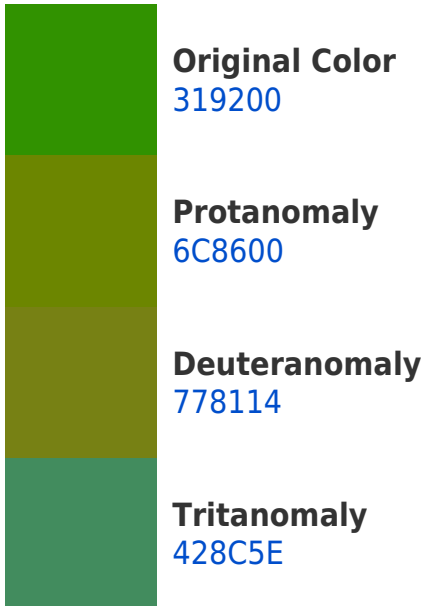
**Protanopia**  
8E7F00

**Deuteranopia**  
9F781F

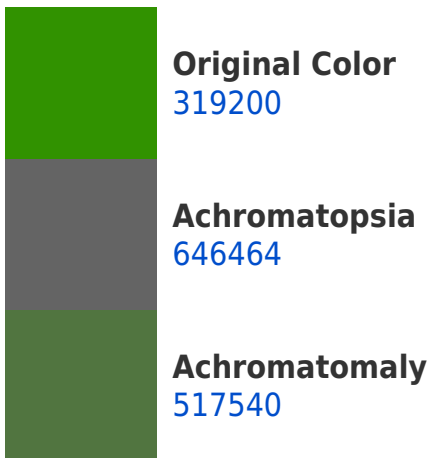


**Tritanopia**  
4C8893

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 319200 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 #319200 looks like.

```
.text, #text, p{  
    color:#319200  
}
```

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 #319200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319200
}
```

## Border

The CSS property to change the border of an element to Hex 319200 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
#319200 }
```

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

```
.border{ border-color:#319200 }
```

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

Here you see how a box with a 4 pixel #319200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319200; -webkit-box-shadow:4px 4px  
4px 4px #319200; box-shadow:4px 4px 4px  
4px #319200 }
```

# Background

The CSS property to change the background color of an element to Hex 319200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319200 }
```

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

```
.background{ background-color:#319200 }
```

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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