

# Converting Colors

Hex(318500)

Have a look what the booklet for  
Hex(318500) contains.

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**Color**

**Hex(318500)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	318500
RGB	49, 133, 0
RGB Percent	19%, 52%, 0%
CMY	0.8078, 0.4784, 1.0000
CMYK	0.63, 0.00, 1.00, 0.48
HSL	98°, 100%, 26%
HSV	98°, 100%, 52%
XYZ	9.6542, 17.4280, 2.8551
YIQ	92.7220, -7.3710, -59.1710

# Conversions

## Conversions Part 2

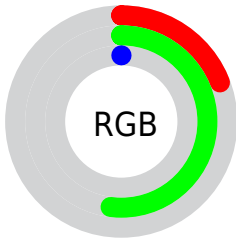
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 133, 84
Decimal	3245312
CIELab	48.79, -46.00, 52.30
CIELCh	49, 69.648, 131.334
Yxy	17.4280, 0.3225, 0.5822
Android (android.graphics.Color)	4281435392 (0xFF318500)
YUV	92.7220, -45.7119, -38.3442
Hunter-Lab	41.7469, -31.7781, 25.1679

# Details

The Hex color **318500** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **540085**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **6BBB41**, and **005200** is the 20% darker color. If you saturate the color by 10%, you get **318500**, and if you desaturate by 10%, it is **39850D**.

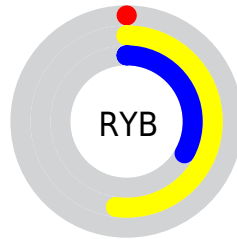
# Distribution



Red (19%)

Green (52%)

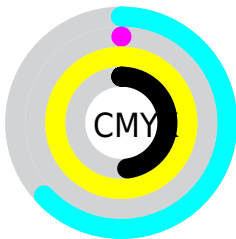
Blue (0%)



Red (0%)

Yellow (52%)

Blue (33%)

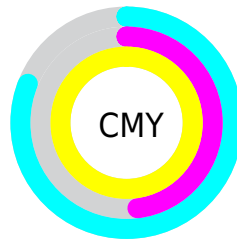


Cyan (63%)

Magenta (0%)

Yellow (100%)

Black (48%)



Cyan (81%)

Magenta (48%)


Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 318500 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 318500 by changing the saturation by 10% instead.



 318500

 318500

FFFFFF

 086B00

 6BBB41

 005200

 87D75C

 003A00

 A3F476

 002500


 C0FF91

 000000

 DDFEAD

 FBFFC9

 FFFFE6

 318500

 39850D

 42851B

 4A8528

 538535

 5B8543

 638550

 6C855D

 74856A

 7D8578

# Harmonies

## Analogous

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



787800



318500



008B4C

# Triad

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



318500



0085E4



DA2A60

# Complementary

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



318500



540085

# 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.



C9369B



318500



0074E9

# Square

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



318500



008CC1



9058CD



CD4527

# Rectangle

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



318500



008D75



9058CD



D82874



# Sweetspot

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



318500



8DAD79



855200



435737



D6D6D6



575757



# Same Dimension

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



318500



40AD00



008510



3E423C



308200



010300



# Inverse Universe

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



540085



6E00AD



850075



403C42



520082

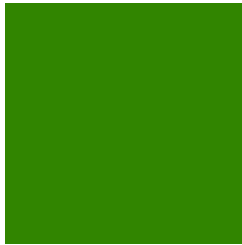


020003



# Previews

## White Background



This preview shows how the Hex color 318500 looks on a white background.

## Color Contrast Check

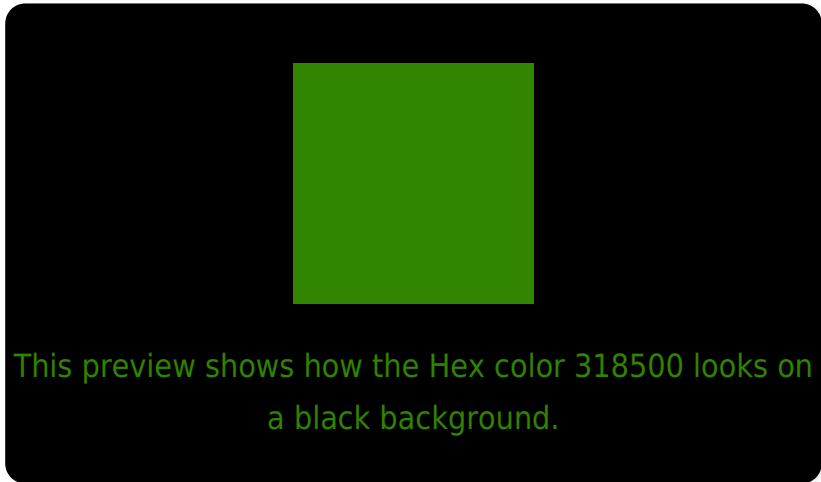
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

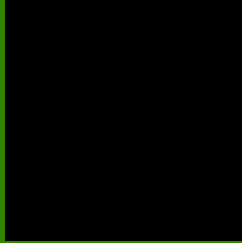
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 318500 Background



This preview shows how black text looks on a background with the Hex color 318500.

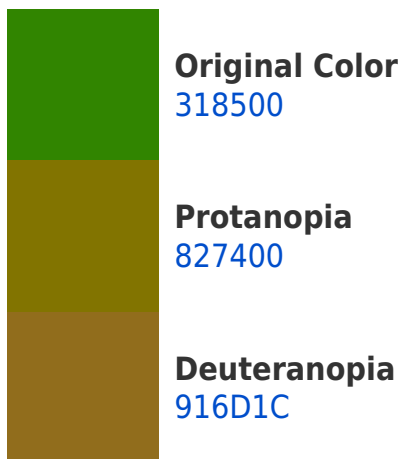



This preview shows how white text looks on a background with the Hex color 318500.

# 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**  
487C86

# Trichromacy



**Original Color**  
318500

**Protanomaly**  
657A00

**Deuteranomaly**  
6E7612

**Tritanomaly**  
407F55

# Monochromacy



**Original Color**  
318500

**Achromatopsia**  
5D5D5D

**Achromatomaly**  
4D6C3B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 318500 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 #318500 looks like.

```
.text, #text, p{  
    color:#318500  
}
```

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 #318500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #318500
}
```

## Border

The CSS property to change the border of an element to Hex 318500 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
#318500 }
```

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

```
.border{ border-color:#318500 }
```

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

Here you see how a box with a 4 pixel #318500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #318500; -webkit-box-shadow:4px 4px  
4px 4px #318500; box-shadow:4px 4px 4px  
4px #318500 }
```

# Background

The CSS property to change the background color of an element to Hex 318500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#318500 }
```

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

```
.background{ background-color:#318500 }
```

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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