

# Converting Colors

Hex(327E00)

Have a look what the booklet for  
Hex(327E00) contains.

|  |    |
|--|----|
| <b>Hex(327E00)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(327E00)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | 327E00                     |
| RGB         | 50, 126, 0                 |
| RGB Percent | 20%, 49%, 0%               |
| CMY         | 0.8039, 0.5059, 1.0000     |
| CMYK        | 0.60, 0.00, 1.00, 0.51     |
| HSL         | 96°, 100%, 25%             |
| HSV         | 96°, 100%, 49%             |
| XYZ         | 8.7762, 15.5998, 2.5485    |
| YIQ         | 88.9120, -4.8500, -55.2980 |

# Conversions

## Conversions Part 2

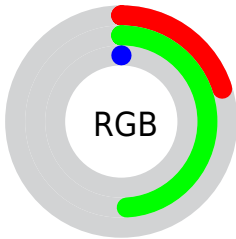
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 0, 126, 76                     |
| Decimal                             | 3309056                        |
| CIELab                              | 46.45, -43.17, 50.45           |
| CIELCh                              | 46, 66.400, 130.550            |
| Yxy                                 | 15.5998, 0.3260,<br>0.5794     |
| Android<br>(android.graphics.Color) | 4281499136<br>(0xFF327E00)     |
| YUV                                 | 88.9120, -43.8336,<br>-34.1258 |
| Hunter-Lab                          | 39.4966, -29.4559,<br>23.8219  |

# Details

The Hex color **327E00** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **4C007E**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **6BB440**, and **004C00** is the 20% darker color. If you saturate the color by 10%, you get **327E00**, and if you desaturate by 10%, it is **3A7E0D**.

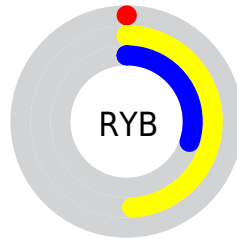
# Distribution



Red (20%)

Green (49%)

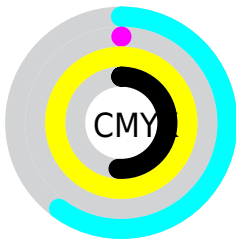
Blue (0%)



Red (0%)

Yellow (49%)

Blue (30%)

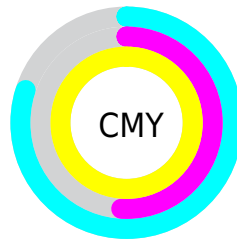


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (80%)

Magenta (51%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 327E00 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 327E00 by changing the saturation by 10% instead.



 327E00

 327E00

FFFFFF

 0E6400

 6BB440

 004C00

 86CF5A

 003400

 A2EC74

 001F00

 BFFF8F

 000000

 DCFEAB

 F9FFC7

 FFFFE3

 327E00

 3A7E0D

 417E19

 497E26

 507E32

 587E3F

 607E4C

 677E58

 6F7E65

 767E71

# Harmonies

## Analogous

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



747200



327E00



008446

# Triad

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



327E00



007ED8



CF295D

# Complementary

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



327E00



4C007E

# 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.



BD3594



327E00



006FDD

# Square

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



327E00



0085B6



8755C4



C34127

# Rectangle

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



327E00



00866E



8755C4



CD2870



# Sweetspot

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



327E00



86A372



7E4C00



405234



D1D1D1



525252



# Same Dimension

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



327E00



41A300



007E0D



3C4039



338000



000000



# Inverse Universe

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



4C007E



6200A3



7E0071



3D3940



4D0080



000000



# Previews

## White Background



This preview shows how the Hex color 327E00 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 327E00 Background



This preview shows how black text looks on a background with the Hex color 327E00.

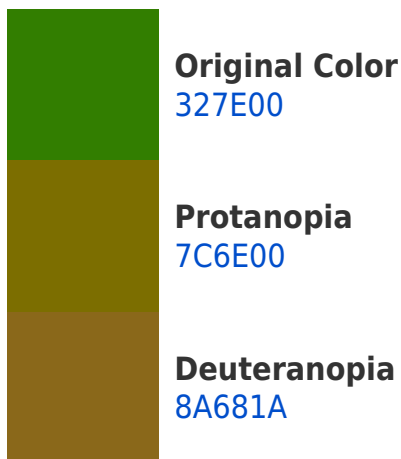



This preview shows how white text looks on a background with the Hex color 327E00.

# 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**  
47757F

# Trichromacy



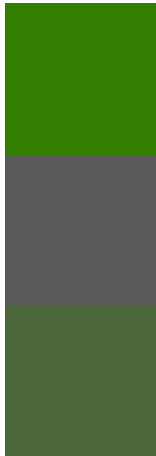
**Original Color**  
327E00

**Protanomaly**  
617400

**Deuteranomaly**  
6A7011

**Tritanomaly**  
3F7851

# Monochromacy



**Original Color**  
327E00

**Achromatopsia**  
595959

**Achromatomaly**  
4B6639

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 327E00 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 #327E00 looks like.

```
.text, #text, p{  
    color:#327E00  
}
```

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 #327E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327E00  
}
```

## Border

The CSS property to change the border of an element to Hex 327E00 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  
#327E00 }
```

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

```
.border{ border-color:#327E00 }
```

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

Here you see how a box with a 4 pixel #327E00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327E00; -webkit-box-shadow:4px 4px  
4px 4px #327E00; box-shadow:4px 4px 4px  
4px #327E00 }
```

# Background

The CSS property to change the background color of an element to Hex 327E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327E00 }
```

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

```
.background{ background-color:#327E00 }
```

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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