

Converting Colors

Hex(327600)

Have a look what the booklet for
Hex(327600) contains.

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Color

Hex(327600)

Conversions

Conversions Part 1

Format	Color
Hex	327600
RGB	50, 118, 0
RGB Percent	20%, 46%, 0%
CMY	0.8039, 0.5373, 1.0000
CMYK	0.58, 0.00, 1.00, 0.54
HSL	95°, 100%, 23%
HSV	95°, 100%, 46%
XYZ	7.7938, 13.6350, 2.2210
YIQ	84.2160, -2.6500, -51.1140

Conversions

Conversions Part 2

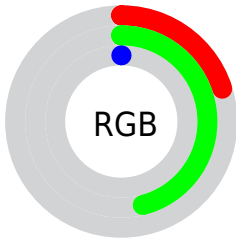
Format	Color
RYB	0, 118, 68
Decimal	3307008
CIELab	43.70, -40.12, 48.29
CIELCh	44, 62.787, 129.722
Yxy	13.6350, 0.3296, 0.5765
Android (android.graphics.Color)	4281497088 (0xFF327600)
YUV	84.2160, -41.5185, -30.0074
Hunter-Lab	36.9256, -26.9440, 22.2817

Details

The Hex color **327600** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **440076**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **69AB3E**, and **004400** is the 20% darker color. If you saturate the color by 10%, you get **327600**, and if you desaturate by 10%, it is **39760C**.

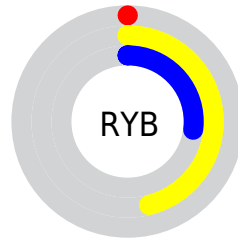
Distribution



Red (20%)

Green (46%)

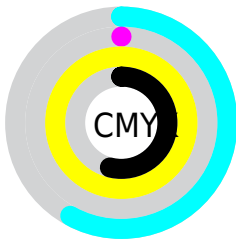
Blue (0%)



Red (0%)

Yellow (46%)

Blue (27%)

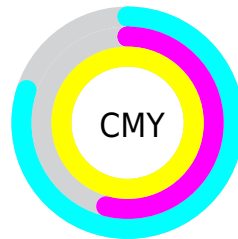


Cyan (58%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (80%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Hex color 327600 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 327600 by changing the saturation by 10% instead.

 327600

 327600

FFFFFFD

 115D00

 69AB3E

 004400

 85C657

 002E00

 A0E372

 001500

 BDFF8C

 000000

 DAFFA8

 F7FFC4

 FFFFEO

 327600

 39760C

 407618

 467623

 4D762F

 54763B

 5B7647

 627653

 68765E

 6F766A

Harmonies

Analogous

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



6E6A00



327600



007C41

Triad

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



327600



0077CA



C22759

Complementary

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



327600



440076

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.



B1338D



327600



0068CF

Square

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



327600



007DA9



7D51B8



B83D27

Rectangle

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



327600



007E65



7D51B8



C0276A

Sweetspot

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



327600



7F996B



764300



3D4D31



CCCCCC



4D4D4D

Same Dimension

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



327600



419900



007608



373B35



347A00



6AFA00

Inverse Universe

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



440076



580099



76006E



38353B



47007A



9000FA

Previews

White Background



This preview shows how the Hex color 327600 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 327600 Background



This preview shows how black text looks on a background with the Hex color 327600.



This preview shows how white text looks on a background with the Hex color 327600.

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
327600

Protanopia
746700

Deuteranopia
816219



Tritanopia
446E77

Trichromacy



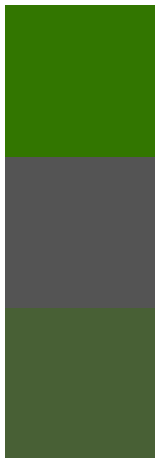
Original Color
327600

Protanomaly
5C6C00

Deuteranomaly
646910

Tritanomaly
3D714C

Monochromacy



Original Color
327600

Achromatopsia
545454

Achromatomaly
486035

CSS Examples

Text

The CSS property to change the color of the text to Hex 327600 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 #327600 looks like.

```
.text, #text, p{  
    color:#327600  
}
```

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 #327600 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327600
}
```

Border

The CSS property to change the border of an element to Hex 327600 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
#327600 }
```

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

```
.border{ border-color:#327600 }
```

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

Here you see how a box with a 4 pixel #327600 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327600; -webkit-box-shadow:4px 4px  
4px 4px #327600; box-shadow:4px 4px 4px  
4px #327600 }
```

Background

The CSS property to change the background color of an element to Hex 327600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327600 }
```

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

```
.background{ background-color:#327600 }
```

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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