

# Converting Colors

Hex(327320)

Have a look what the booklet for  
Hex(327320) contains.

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# Color

Hex(327320)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	327320
RGB	50, 115, 32
RGB Percent	20%, 45%, 13%
CMY	0.8039, 0.5490, 0.8745
CMYK	0.57, 0.00, 0.72, 0.55
HSL	107°, 56%, 29%
HSV	107°, 72%, 45%
XYZ	7.7068, 13.0439, 3.4780
YIQ	86.1030, -12.0970, -39.5930

# Conversions

## Conversions Part 2

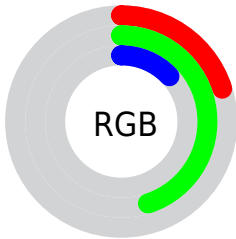
<b>Format</b>	<b>Color</b>
<b>RYB</b>	32, 115, 97
Decimal	3306272
CIELab	42.83, -37.16, 37.97
CIElCh	43, 53.130, 134.382
Yxy	13.0439, 0.3181, 0.5384
Android (android.graphics.Color)	4281496352 (0xFF327320)
YUV	86.1030, -26.6728, -31.6623
Hunter-Lab	36.1163, -25.1135, 19.5717

# Details

The Hex color **327320** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **612073**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **67A851**, and **004200** is the 20% darker color. If you saturate the color by 10%, you get **297314**, and if you desaturate by 10%, it is **3B732B**.

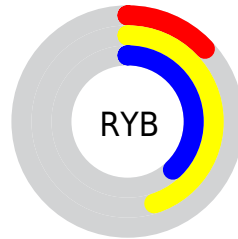
# Distribution



Red (20%)

Green (45%)

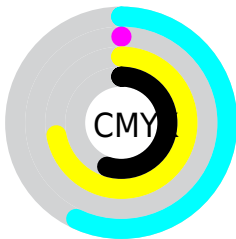
Blue (13%)



Red (13%)

Yellow (45%)

Blue (38%)

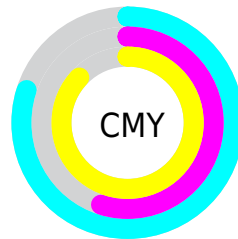


Cyan (57%)

Magenta (0%)

Yellow (72%)

Black (55%)



Cyan (80%)

Magenta (55%)

Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 327320 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 327320 by changing the saturation by 10% instead.



 327320

 327320

FFFFFF

 145A04

 67A851

 004200

 82C36B

 002B00

 9EDF85

 001200

 BAFC9F

 000000

 D6FFBB

 F3FFD7

 FFFFF3

 327320

 327320

■ 297314

■ 3B732B

■ 207309

■ 447337

■ 197300

■ 4D7343

■ 56734E

■ 5F735A

■ 687365

■ 717371

■ 7A737C

■ 837388

# Harmonies

## Analogous

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



666A00



327320



00784C

# Triad

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



327320



0071BA



B33852

# Complementary

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



327320



612073

# 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.



A83C7E



327320



2C63BB

# Square

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



327320



0077A2



814FA4



A84729

# Rectangle

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



327320



00796B



814FA4



B23761



# Sweetspot

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



327320



7D9675



736020



3D4D39



CCCCCC



4D4D4D



# Same Dimension

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



327320



309614



207336



363B35



1B7A00



36FA00



# Inverse Universe

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



612073



7A1496



73205D



39353B



60007A



C400FA



# Previews

## White Background



This preview shows how the Hex color 327320 looks on a white background.

## Color Contrast Check

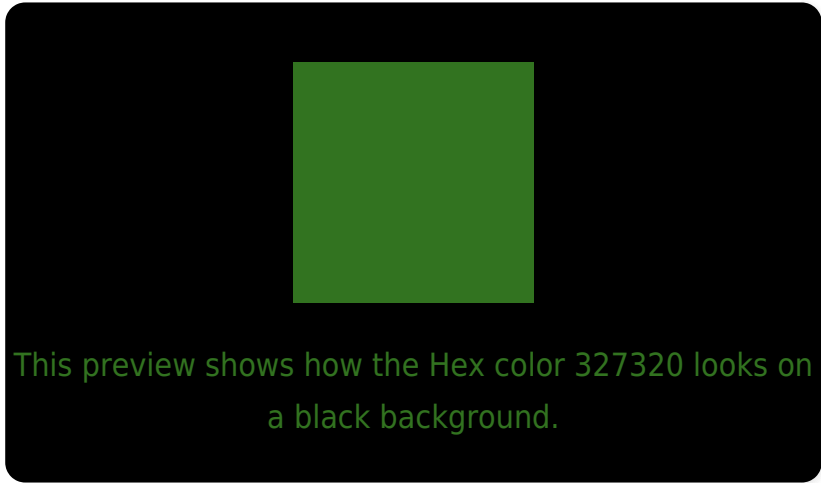
Large Text (above 18pt) WCAG AA ✓ Pass

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

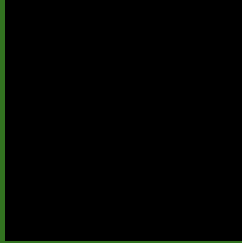
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 327320 Background



This preview shows how black text looks on a background with the Hex color 327320.



This preview shows how white text looks on a background with the Hex color 327320.

# 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**  
327320

**Protanopia**  
71651C

**Deuteranopia**  
7D6027



**Tritanopia**  
436B74

# Trichromacy



**Original Color**  
327320

**Protanomaly**  
5A6A1D

**Deuteranomaly**  
626724

**Tritanomaly**  
3D6E55

# Monochromacy



**Original Color**  
327320

**Achromatopsia**  
565656

**Achromatomaly**  
496142

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 327320 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 #327320 looks like.

```
.text, #text, p{  
    color:#327320  
}
```

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 #327320 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327320
}
```

## Border

The CSS property to change the border of an element to Hex 327320 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
#327320 }
```

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

```
.border{ border-color:#327320 }
```

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

Here you see how a box with a 4 pixel #327320 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327320; -webkit-box-shadow:4px 4px  
4px 4px #327320; box-shadow:4px 4px 4px  
4px #327320 }
```

# Background

The CSS property to change the background color of an element to Hex 327320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327320 }
```

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

```
.background{ background-color:#327320 }
```

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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