

Converting Colors

Hex(317121)

Have a look what the booklet for
Hex(317121) contains.

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Color

Hex(317121)

Conversions

Conversions Part 1

Format	Color
Hex	317121
RGB	49, 113, 33
RGB Percent	19%, 44%, 13%
CMY	0.8078, 0.5569, 0.8706
CMYK	0.57, 0.00, 0.71, 0.56
HSL	108°, 55%, 29%
HSV	108°, 71%, 44%
XYZ	7.4463, 12.5730, 3.4732
YIQ	84.7440, -12.4640, -38.4480

Conversions

Conversions Part 2

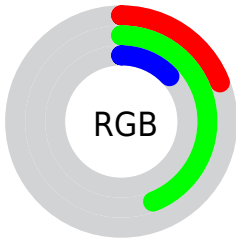
Format	Color
RYB	33, 113, 97
Decimal	3240225
CIELab	42.11, -36.54, 36.77
CIELCh	42, 51.835, 134.824
Yxy	12.5730, 0.3170, 0.5352
Android (android.graphics.Color)	4281430305 (0xFF317121)
YUV	84.7440, -25.5098, -31.3475
Hunter-Lab	35.4585, -24.5674, 19.0134

Details

The Hex color **317121** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **612171**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **66A652**, and **004000** is the 20% darker color. If you saturate the color by 10%, you get **287116**, and if you desaturate by 10%, it is **3A712C**.

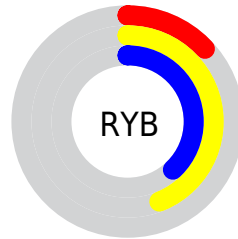
Distribution



Red (19%)

Green (44%)

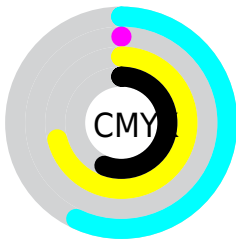
Blue (13%)



Red (13%)

Yellow (44%)

Blue (38%)

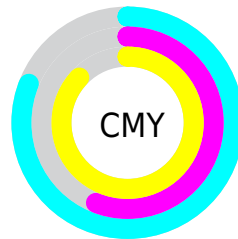


Cyan (57%)

Magenta (0%)

Yellow (71%)

Black (56%)



Cyan (81%)


Magenta (56%)


Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the Hex color 317121 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 317121 by changing the saturation by 10% instead.

 317121

 317121

FFFFFF

 135806

 66A652

 004000

 81C16B

 002A00

 9CDD85

 000E00


 B8FAA0


 000000

 D5FFBB

 F2FFD7

 FFFFF4

 317121

 317121

■ 287116

■ 3A712C

■ 1F710A

■ 437138

■ 177100

■ 4C7143

■ 55714E

■ 5E715A

■ 677165

■ 707170

■ 79717B

■ 827187

Harmonies

Analogous

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



646800



317121



00764B

Triad

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



317121



006EB6



B03850

Complementary

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



317121



612171

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.



A53B7B



317121



2F61B6

Square

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



317121



00759F



804EA0



A44728

Rectangle

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



317121



007769



804EA0



AF375E

Sweetspot

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



317121



7B9475



716121



3B4A37



C9C9C9



4A4A4A

Same Dimension

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



317121



2F9416



217139



343832



187800



31F700

Inverse Universe

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



612171



7B1694



712159



373238



600078



C600F7

Previews

White Background



This preview shows how the Hex color 317121 looks on a white background.

Color Contrast Check

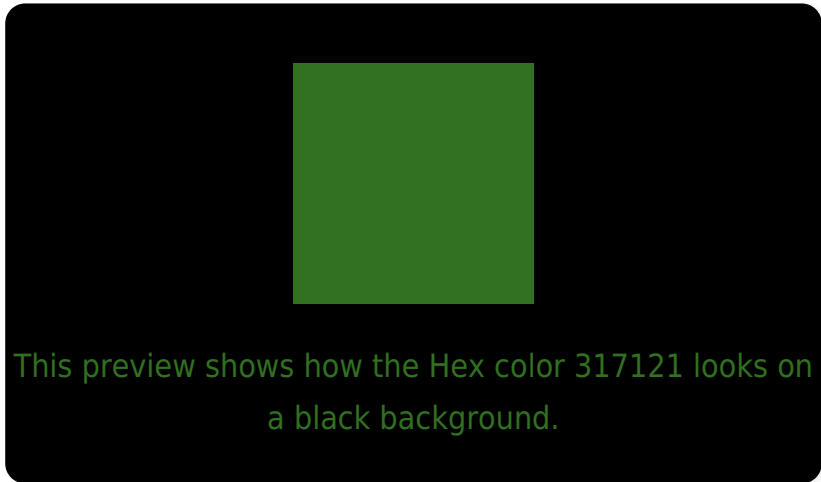
Large Text (above 18pt) WCAG AA ✓ Pass

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

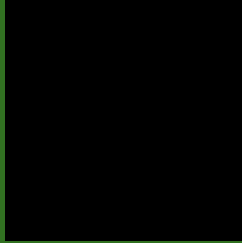
Any Text WCAG AA × Fail

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 317121 Background



This preview shows how black text looks on a background with the Hex color 317121.



This preview shows how white text looks on a background with the Hex color 317121.

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
317121

Protanopia
6F631D

Deuteranopia
7B5E28



Tritanopia
416972

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 317121 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 #317121 looks like.

```
.text, #text, p{  
    color:#317121  
}
```

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 #317121 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #317121
}
```

Border

The CSS property to change the border of an element to Hex 317121 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".

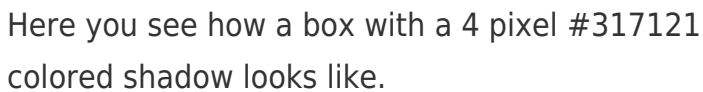
```
.border, #border, table{ border:4px solid
#317121 }
```

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

```
.border{ border-color:#317121 }
```

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

Here you see how a box with a 4 pixel #317121 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #317121; -webkit-box-shadow:4px 4px  
4px 4px #317121; box-shadow:4px 4px 4px  
4px #317121 }
```

Background

The CSS property to change the background color of an element to Hex 317121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#317121 }
```

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

```
.background{ background-color:#317121 }
```

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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