

Converting Colors

Hex(324C17)

Have a look what the booklet for
Hex(324C17) contains.

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Color

Hex(324C17)

Conversions

Conversions Part 1

Format	Color
Hex	324C17
RGB	50, 76, 23
RGB Percent	20%, 30%, 9%
CMY	0.8039, 0.7020, 0.9098
CMYK	0.34, 0.00, 0.70, 0.70
HSL	89°, 54%, 19%
HSV	89°, 70%, 30%
XYZ	4.0545, 5.9089, 1.7374
YIQ	62.1840, 1.5170, -21.9950

Conversions

Conversions Part 2

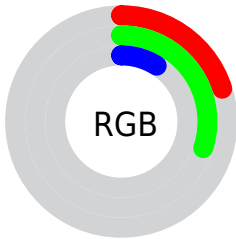
Format	Color
R_{YB}	23, 76, 49
Decimal	3296279
CIE _{Lab}	29.18, -20.04, 27.55
CIE _{LCh}	29, 34.067, 126.039
Yxy	5.9089, 0.3465, 0.5050
Android (android.graphics.Color)	4281486359 (0xFF324C17)
YUV	62.1840, -19.3177, -10.6854
Hunter-Lab	24.3081, -12.7662, 12.7779

Details

The Hex color **324C17** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **31174C**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **637D45**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **2E4C0F**, and if you desaturate by 10%, it is **364C1F**.

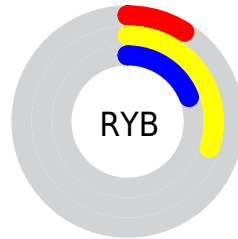
Distribution



Red (20%)

Green (30%)

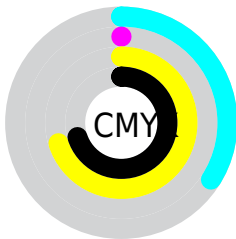
Blue (9%)



Red (9%)

Yellow (30%)

Blue (19%)

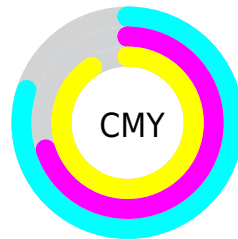


Cyan (34%)

Magenta (0%)

Yellow (70%)

Black (70%)



Cyan (80%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 324C17 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 324C17 by changing the saturation by 10% instead.



324C17



324C17

FFFFFF



1C3500



637D45



002000



7C975D



000000



96B276



B1CD90



CDEAAB



EAFFC6



FFFFE2



324C17



324C17

■ 2E4C0F

■ 364C1F

■ 2B4C08

■ 394C26

■ 274C00

■ 3D4C2E

■ 414C35

■ 454C3D

■ 484C45

■ 4C4C4C

■ 504C54

■ 544C5B

Harmonies

Analogous

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



4E450A



324C17



00502E

Triad

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



324C17



004D75



742C40

Complementary

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



324C17



31174C

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.



69315B



324C17



134679

Square

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



324C17



005163



4D3B70



723127

Rectangle

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



324C17



005140



4D3B70



722C49

Sweetspot

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



324C17



59634F



4C3117



2D3326



B3B3B3



333333

Same Dimension

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



324C17



3A6310



184C17



242622



346600



75E600

Inverse Universe

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



31174C



391063



4B174C



242226



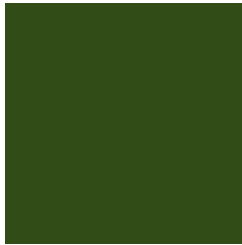
320066



7100E6

Previews

White Background



This preview shows how the Hex color 324C17 looks on a white background.

Color Contrast Check

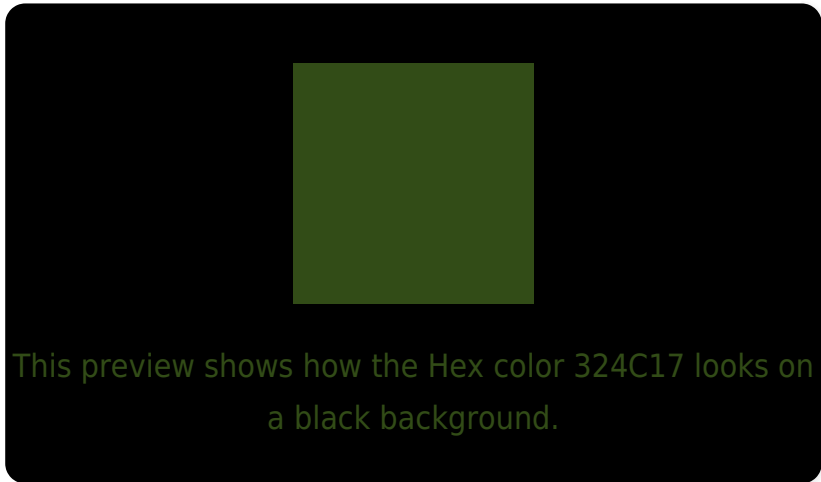
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

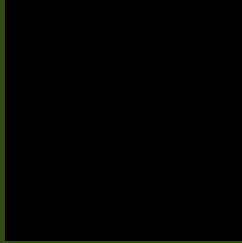
Any Text WCAG AA × Fail

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 324C17 Background



This preview shows how black text looks on a background with the Hex color 324C17.



This preview shows how white text looks on a background with the Hex color 324C17.

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](#).

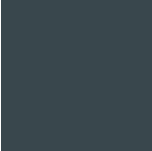
Dichromacy



Original Color
324C17

Protanopia
4D4515

Deuteranopia
55411B



Tritanopia
39474D

Trichromacy



Original Color
324C17

Protanomaly
434816

Deuteranomaly
48451A

Tritanomaly
364939

Monochromacy



Original Color
324C17

Achromatopsia
3E3E3E

Achromatomaly
3A4330

CSS Examples

Text

The CSS property to change the color of the text to Hex 324C17 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 #324C17 looks like.

```
.text, #text, p{  
    color:#324C17  
}
```

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 #324C17 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #324C17
}
```

Border

The CSS property to change the border of an element to Hex 324C17 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".

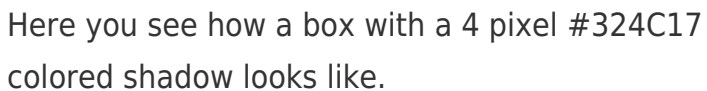
```
.border, #border, table{ border:4px solid
#324C17 }
```

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

```
.border{ border-color:#324C17 }
```

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

Here you see how a box with a 4 pixel #324C17 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #324C17; -webkit-box-shadow:4px 4px  
4px 4px #324C17; box-shadow:4px 4px 4px  
4px #324C17 }
```

Background

The CSS property to change the background color of an element to Hex 324C17 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#324C17 }
```

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

```
.background{ background-color:#324C17 }
```

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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