

Converting Colors

Hex(327728)

Have a look what the booklet for
Hex(327728) contains.

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Color

Hex(327728)

Conversions

Conversions Part 1

Format	Color
Hex	327728
RGB	50, 119, 40
RGB Percent	20%, 47%, 16%
CMY	0.8039, 0.5333, 0.8431
CMYK	0.58, 0.00, 0.66, 0.53
HSL	112°, 50%, 31%
HSV	112°, 66%, 47%
XYZ	8.2952, 14.0250, 4.2774
YIQ	89.3630, -15.7650, -39.1970

Conversions

Conversions Part 2

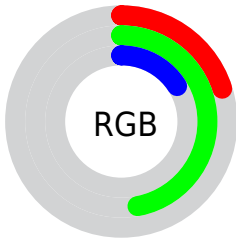
Format	Color
R_{YB}	40, 119, 109
Decimal	3307304
CIE _{Lab}	44.27, -37.99, 35.92
CIE _{LCh}	44, 52.287, 136.604
Yxy	14.0250, 0.3119, 0.5273
Android (android.graphics.Color)	4281497384 (0xFF327728)
YUV	89.3630, -24.3360, -34.5214
Hunter-Lab	37.4499, -25.9993, 19.4431

Details

The Hex color **327728** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **6D2877**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **68AC59**, and **004500** is the 20% darker color. If you saturate the color by 10%, you get **28771C**, and if you desaturate by 10%, it is **3C7734**.

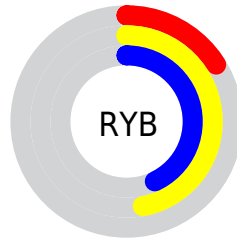
Distribution



Red (20%)

Green (47%)

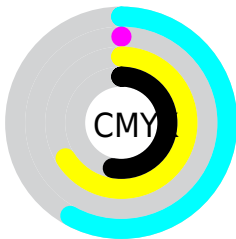
Blue (16%)



Red (16%)

Yellow (47%)

Blue (43%)

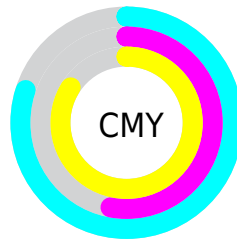


Cyan (58%)

Magenta (0%)

Yellow (66%)

Black (53%)



Cyan (80%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 327728 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 327728 by changing the saturation by 10% instead.

 327728

 327728

FFFFFF

 135E0F

 68AC59

 004500

 83C872

 002E00

 9EE48C

 001800

 BAFFA7

 000000

 D7FFC3

 F4FFDF

 FFFFFC

 327728

 327728

■ 28771C

■ 3C7734

■ 1D7710

■ 477740

■ 137704

■ 51774C

■ 0F7700

■ 5C7758

■ 667764

■ 70776F

■ 7B777B

■ 857787

■ 907793

Harmonies

Analogous

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



676E00



327728



007C53

Triad

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



327728



0073BD



B63E52

Complementary

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



327728



6D2877

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.



AD407E



327728



3D65BC

Square

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



327728



007BA7



8952A5



AA4D2A

Rectangle

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



327728



007D71



8952A5



B63C61

Sweetspot

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



327728



809C7C



776C28



3E4F3C



CFCFCF



4F4F4F

Same Dimension

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



327728



2F9C1F



287745



363B35



0F7A00



20FA00

Inverse Universe

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



6D2877



8C1F9C



77285A



3A353B



6B007A



DA00FA

Previews

White Background



This preview shows how the Hex color 327728 looks on a white background.

Color Contrast Check

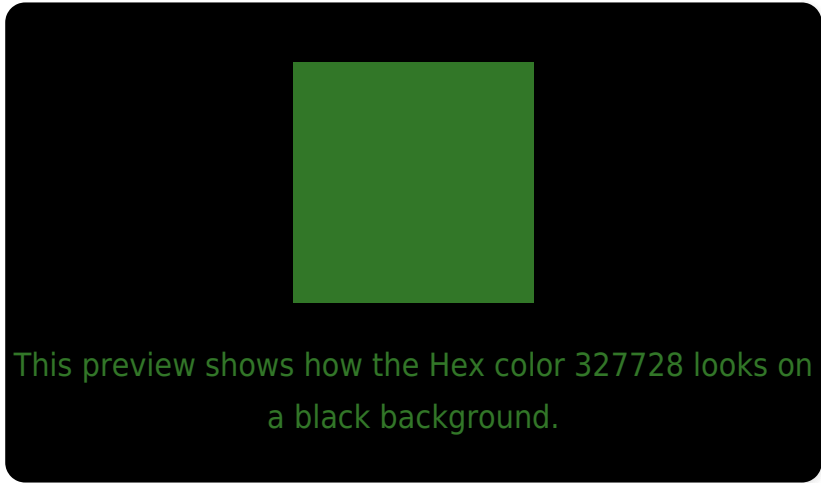
Large Text (above 18pt) WCAG AA ✓ Pass

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

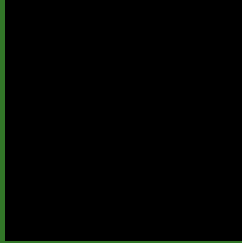
Any Text WCAG AA × Fail

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 327728 Background



This preview shows how black text looks on a background with the Hex color 327728.



This preview shows how white text looks on a background with the Hex color 327728.

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
327728

Protanopia
746824

Deuteranopia
81632E



Tritanopia
436F78

Trichromacy



Original Color
327728

Protanomaly
5C6D25

Deuteranomaly
646A2C

Tritanomaly
3D725B

Monochromacy



Original Color
327728

Achromatopsia
595959

Achromatomaly
4B6447

CSS Examples

Text

The CSS property to change the color of the text to Hex 327728 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 #327728 looks like.

```
.text, #text, p{  
    color:#327728  
}
```

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 #327728 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327728
}
```

Border

The CSS property to change the border of an element to Hex 327728 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
#327728 }
```

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

```
.border{ border-color:#327728 }
```

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

Here you see how a box with a 4 pixel #327728 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327728; -webkit-box-shadow:4px 4px  
4px 4px #327728; box-shadow:4px 4px 4px  
4px #327728 }
```

Background

The CSS property to change the background color of an element to Hex 327728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327728 }
```

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

```
.background{ background-color:#327728 }
```

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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