

Converting Colors

Hex(327D54)

Have a look what the booklet for
Hex(327D54) contains.

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Color

Hex(327D54)

Conversions

Conversions Part 1

Format	Color
Hex	327D54
RGB	50, 125, 84
RGB Percent	20%, 49%, 33%
CMY	0.8039, 0.5098, 0.6706
CMYK	0.60, 0.00, 0.33, 0.51
HSL	147°, 43%, 34%
HSV	147°, 60%, 49%
XYZ	10.2492, 15.9854, 10.9328
YIQ	97.9010, -31.5390, -28.6510

Conversions

Conversions Part 2

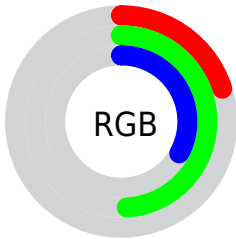
Format	Color
RYB	50, 102, 125
Decimal	3308884
CIELab	46.96, -33.37, 15.59
CIELCh	47, 36.832, 154.966
Yxy	15.9854, 0.2758, 0.4301
Android (android.graphics.Color)	4281498964 (0xFF327D54)
YUV	97.9010, -6.8532, -42.0092
Hunter-Lab	39.9818, -24.2101, 11.7747

Details

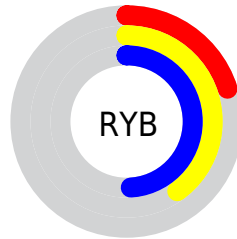
The Hex color **327D54** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **7D325B**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **67B286**, and **004B27** is the 20% darker color. If you saturate the color by 10%, you get **267D4D**, and if you desaturate by 10%, it is **3F7D5B**.

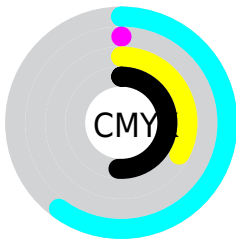
Distribution



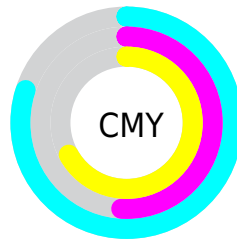
- Red (20%)
- Green (49%)
- Blue (33%)



- Red (20%)
- Yellow (40%)
- Blue (49%)



- Cyan (60%)
- Magenta (0%)
- Yellow (33%)
- Black (51%)



- Cyan (80%)
- Magenta (51%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Hex color 327D54 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 327D54 by changing the saturation by 10% instead.

 327D54

 327D54

FFFFFF

 13643D

 67B286

 004B27

 82CEA0

 003412

 9EEABB

 002000

 BAFFD7

 000000

 D6FFF3

 F3FFFF

 327D54

 327D54

 267D4D

 3F7D5B

■ 197D46

■ 4B7D62

■ 0C7D40

■ 577D69

■ 007D39

■ 647D6F

■ 717D76

■ 7D7D7D

■ 8A7D84

■ 967D8B

■ A37D92

Harmonies

Analogous

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



5C783B



327D54



007F74

Triad

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



327D54



4371AD



A75A4D

Complementary

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



327D54



7D325B

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.



A9556B



327D54



7965A2

Square

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



327D54



0079A7



9A5A8A



976437

Rectangle

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



327D54



007F88



9A5A8A



A95757

Sweetspot

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



327D54



86A393



5B7D32



405248



D1D1D1



525252

Same Dimension

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



327D54



2EA363



327D79



39403C



00803A



000000

Inverse Universe

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



7D325B



A32E6E



7D3236



40393D



800046



000000

Previews

White Background



This preview shows how the Hex color 327D54 looks on a white background.

Color Contrast Check

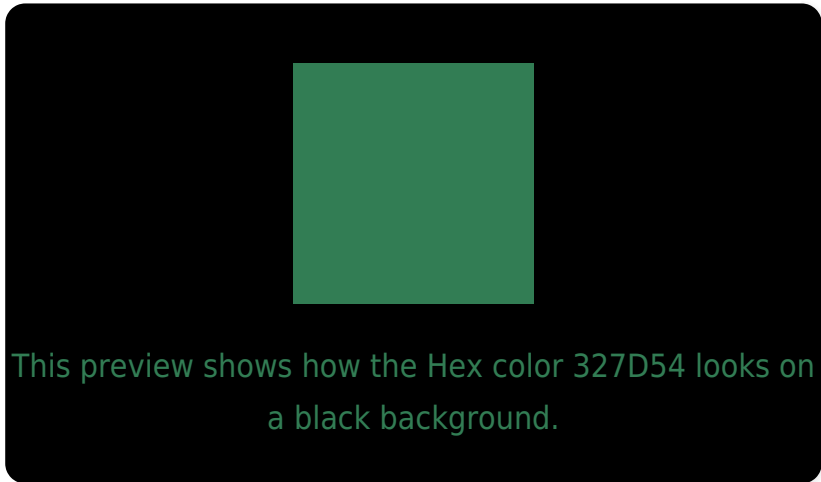
Large Text (above 18pt) WCAG AA ✓ Pass

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

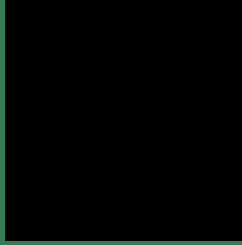
Any Text WCAG AA × Fail

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 327D54 Background



This preview shows how black text looks on a background with the Hex color 327D54.

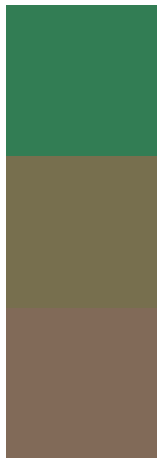


This preview shows how white text looks on a background with the Hex color 327D54.

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
327D54

Protanopia
776F4E

Deuteranopia
816A58



Tritanopia
407781

Trichromacy



Original Color
327D54

Protanomaly
5E7450

Deuteranomaly
647157

Tritanomaly
3B7971

Monochromacy



Original Color
327D54

Achromatopsia
626262

Achromatomaly
516C5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 327D54 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 #327D54 looks like.

```
.text, #text, p{  
    color:#327D54  
}
```

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 #327D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327D54
}
```

Border

The CSS property to change the border of an element to Hex 327D54 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
#327D54 }
```

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

```
.border{ border-color:#327D54 }
```

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

Here you see how a box with a 4 pixel #327D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327D54; -webkit-box-shadow:4px 4px  
4px 4px #327D54; box-shadow:4px 4px 4px  
4px #327D54 }
```

Background

The CSS property to change the background color of an element to Hex 327D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327D54 }
```

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

```
.background{ background-color:#327D54 }
```

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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