

Converting Colors

Hex(327D75)

Have a look what the booklet for
Hex(327D75) contains.

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Color

Hex(327D75)

Conversions

Conversions Part 1

Format	Color
Hex	327D75
RGB	50, 125, 117
RGB Percent	20%, 49%, 46%
CMY	0.8039, 0.5098, 0.5412
CMYK	0.60, 0.00, 0.06, 0.51
HSL	174°, 43%, 34%
HSV	174°, 60%, 49%
XYZ	11.8599, 16.6297, 19.4144
YIQ	101.6630, -42.1320, -18.3880

Conversions

Conversions Part 2

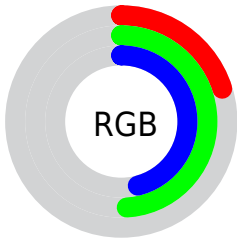
Format	Color
RYB	50, 90, 125
Decimal	3308917
CIELab	47.79, -25.10, -2.59
CIELCh	48, 25.237, 185.881
Yxy	16.6297, 0.2476, 0.3471
Android (android.graphics.Color)	4281498997 (0xFF327D75)
YUV	101.6630, 7.5611, -45.3085
Hunter-Lab	40.7795, -19.4511, 0.3188




Details

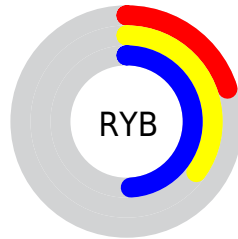
The Hex color **327D75** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7D323A**, and the grayscale version is **666666**.




A 20% lighter version of the original color is **69B2A9**, and **004C45** is the 20% darker color. If you saturate the color by 10%, you get **267D74**, and if you desaturate by 10%, it is **3F7D76**.

Distribution







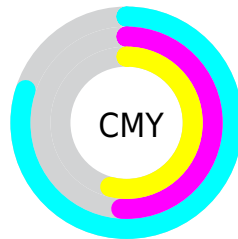
-  Red (20%)
-  Green (49%)
-  Blue (46%)






-  Red (20%)
-  Yellow (35%)
-  Blue (49%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (6%)
-  Black (51%)



-  Cyan (80%)
-  Magenta (51%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 327D75 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 327D75 by changing the saturation by 10% instead.



327D75



327D75

FFFFFF



11645C



69B2A9



004C45



84CEC4



00342F



9FEAE0



00201A



BBFFFD



000000



D8FFFF



F5FFFF



327D75



327D75



267D74



3F7D76

■ 197D72

■ 4B7D78

■ 0C7D71

■ 577D79

■ 007D70

■ 647D7A

■ 717D7C

■ 7D7D7D

■ 8A7D7E

■ 967D80

■ A37D81

Harmonies

Analogous

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



4B7B5F



327D75



257C8A

Triad

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



327D75



7A6A94



8E6A4B

Complementary

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



327D75



7D323A

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.



9A645A



327D75



906483

Square

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



327D75



5B729B



9B616E



7C7147

Rectangle

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



327D75



307A94



9B616E



93684F

Sweetspot

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



327D75



86A3A0



3B7D32



405250



D1D1D1



525252

Same Dimension

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



327D75



2EA397



32607D



39403F



008072



000000

Inverse Universe

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



7D323A



A32E3A



7D4F32



40393A



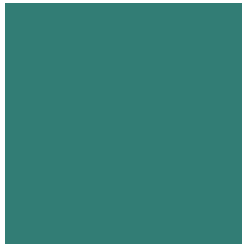
80000E



000000

Previews

White Background



This preview shows how the Hex color 327D75 looks on a white background.

Color Contrast Check

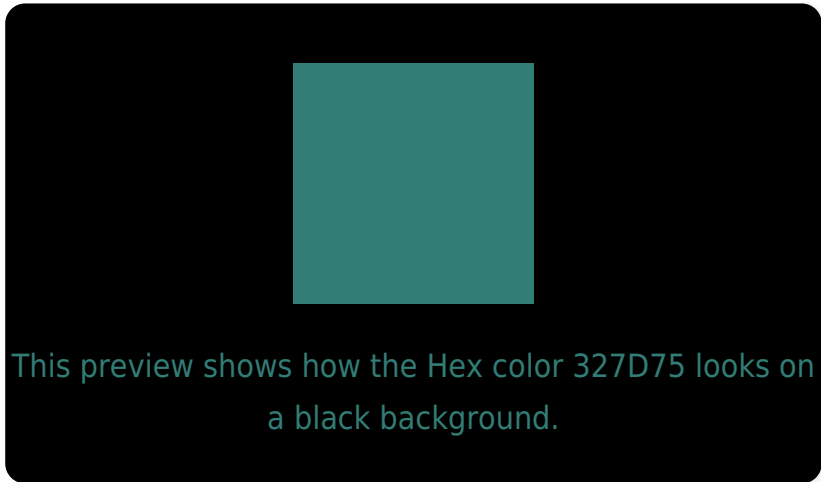
Large Text (above 18pt) WCAG AA ✓ Pass

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

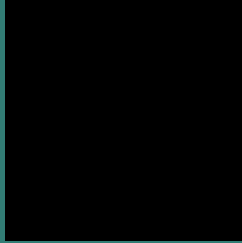
Any Text WCAG AA × Fail

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 327D75 Background



This preview shows how black text looks on a background with the Hex color 327D75.

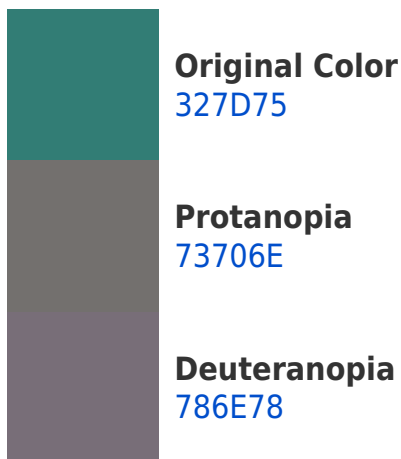


This preview shows how white text looks on a background with the Hex color 327D75.

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](#).

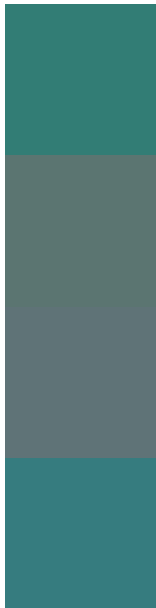
Dichromacy





Tritanopia
387B85

Trichromacy



Original Color
327D75

Protanomaly
5B7571

Deuteranomaly
5F7377

Tritanomaly
367C7F

Monochromacy



Original Color
327D75

Achromatopsia
666666

Achromatomaly
536E6B

CSS Examples

Text

The CSS property to change the color of the text to Hex 327D75 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 #327D75 looks like.

```
.text, #text, p{  
    color:#327D75  
}
```

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 #327D75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327D75
}
```

Border

The CSS property to change the border of an element to Hex 327D75 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
#327D75 }
```

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

```
.border{ border-color:#327D75 }
```

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

Here you see how a box with a 4 pixel #327D75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327D75; -webkit-box-shadow:4px 4px  
4px 4px #327D75; box-shadow:4px 4px 4px  
4px #327D75 }
```

Background

The CSS property to change the background color of an element to Hex 327D75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327D75 }
```

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

```
.background{ background-color:#327D75 }
```

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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