

Converting Colors

Hex(327680)

Have a look what the booklet for
Hex(327680) contains.

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Color

Hex(327680)

Conversions

Conversions Part 1

Format	Color
Hex	327680
RGB	50, 118, 128
RGB Percent	20%, 46%, 50%
CMY	0.8039, 0.5373, 0.4980
CMYK	0.61, 0.08, 0.00, 0.50
HSL	188°, 44%, 35%
HSV	188°, 61%, 50%
XYZ	11.6901, 15.1935, 22.7386
YIQ	98.8080, -43.7380, -11.3060

Conversions

Conversions Part 2

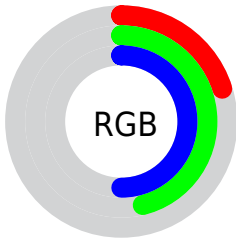
Format	Color
R_{YB}	50, 86, 128
Decimal	3307136
CIE _{Lab}	45.90, -18.15, -11.94
CIE _{LCh}	46, 21.722, 213.337
Yxy	15.1935, 0.2356, 0.3062
Android (android.graphics.Color)	4281497216 (0xFF327680)
YUV	98.8080, 14.3917, -42.8046
Hunter-Lab	38.9788, -14.6792, -7.3021

Details

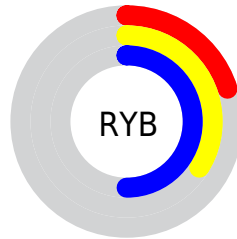
The Hex color **327680** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **803C32**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **69AAB5**, and **00454F** is the 20% darker color. If you saturate the color by 10%, you get **257480**, and if you desaturate by 10%, it is **3F7880**.

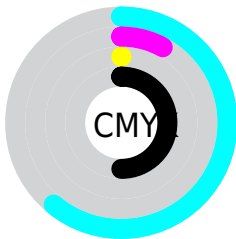
Distribution



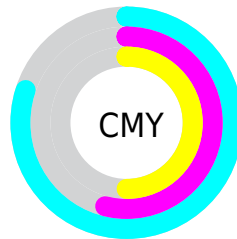
- Red (20%)
- Green (46%)
- Blue (50%)



- Red (20%)
- Yellow (34%)
- Blue (50%)



- Cyan (61%)
- Magenta (8%)
- Yellow (0%)
- Black (50%)



- Cyan (80%)
- Magenta (54%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Hex color 327680 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 327680 by changing the saturation by 10% instead.

 327680

 327680

FFFFFF

 115D67

 69AAB5

 00454F

 84C6D0

 002F38

 A0E2ED

 001B23

 BCFEFF

 00000C

 D8FFFF

 000000

 F6FFFF

 327680

 327680

 257480

 3F7880

■ 187380

■ 4C7980

■ 0C7180

■ 587B80

■ 007080

■ 657D80

■ 727E80

■ 7F8080

■ 8C8180

■ 988380

■ A58580

Harmonies

Analogous

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



3B776E



327680



3E738D

Triad

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



327680



86627D



776C48

Complementary

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



327680



803C32

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.



87664D



327680



905F6B

Square

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



327680



72678B



90615A



64724E

Rectangle

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



327680



4F7090



90615A



7D6A49

Sweetspot

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



327680



88A2A6



32803B



425254



D4D4D4



545454

Same Dimension

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



327680



2D96A6



325080



393F40



006F80



000000

Inverse Universe

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



803276



A62D96



806232



40393F



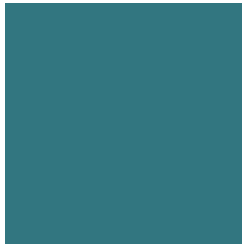
80006F



000000

Previews

White Background



This preview shows how the Hex color 327680 looks on a white background.

Color Contrast Check

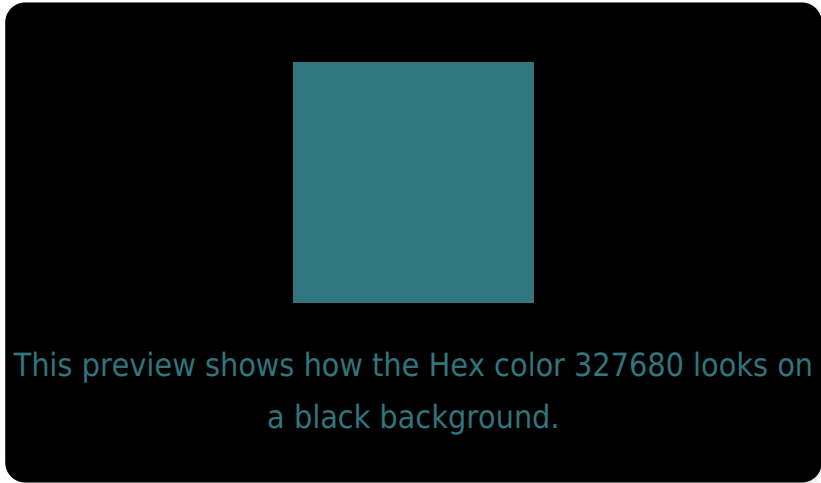
Large Text (above 18pt) WCAG AA ✓ Pass

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

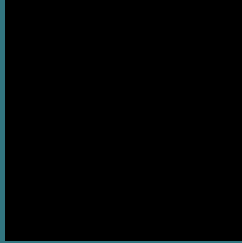
Any Text WCAG AA × Fail

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 327680 Background



This preview shows how black text looks on a background with the Hex color 327680.

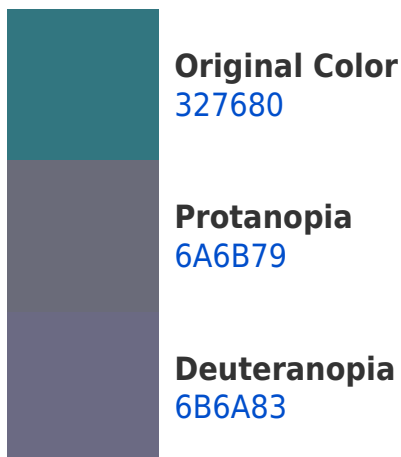


This preview shows how white text looks on a background with the Hex color 327680.

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
327680

Trichromacy



Original Color
327680

Protanomaly
566F7C

Deuteranomaly
566E82

Tritanomaly
327680

Monochromacy



Original Color
327680

Achromatopsia
636363

Achromatomaly
516A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 327680 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 #327680 looks like.

```
.text, #text, p{  
    color:#327680  
}
```

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 #327680 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #327680
}
```

Border

The CSS property to change the border of an element to Hex 327680 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
#327680 }
```

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

```
.border{ border-color:#327680 }
```

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

Here you see how a box with a 4 pixel #327680 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #327680; -webkit-box-shadow:4px 4px  
4px 4px #327680; box-shadow:4px 4px 4px  
4px #327680 }
```

Background

The CSS property to change the background color of an element to Hex 327680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#327680 }
```

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

```
.background{ background-color:#327680 }
```

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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