

Converting Colors

Hex(247977)

Have a look what the booklet for
Hex(247977) contains.

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Color

Hex(247977)

Conversions

Conversions Part 1

Format	Color
Hex	247977
RGB	36, 121, 119
RGB Percent	14%, 47%, 47%
CMY	0.8588, 0.5255, 0.5333
CMYK	0.70, 0.00, 0.02, 0.53
HSL	179°, 54%, 31%
HSV	179°, 70%, 47%
XYZ	10.8947, 15.3817, 19.8475
YIQ	95.3570, -50.0180, -18.6420

Conversions

Conversions Part 2

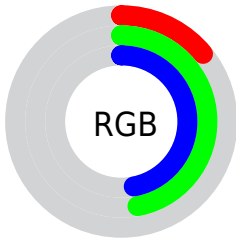
Format	Color
RYB	36, 79, 121
Decimal	2390391
CIELab	46.15, -25.02, -6.24
CIELCh	46, 25.784, 194.005
Yxy	15.3817, 0.2362, 0.3335
Android (android.graphics.Color)	4280580471 (0xFF247977)
YUV	95.3570, 11.6560, -52.0561
Hunter-Lab	39.2195, -19.0491, -2.5507

Details

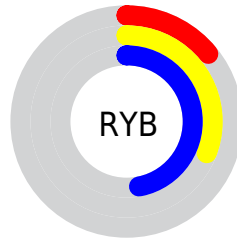
The Hex color **247977** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **792426**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5EAEAB**, and **004847** is the 20% darker color. If you saturate the color by 10%, you get **187977**, and if you desaturate by 10%, it is **307977**.

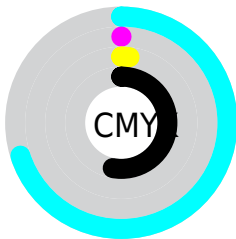
Distribution



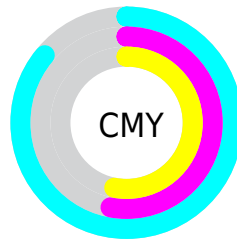
- Red (14%)
- Green (47%)
- Blue (47%)



- Red (14%)
- Yellow (31%)
- Blue (47%)



- Cyan (70%)
- Magenta (0%)
- Yellow (2%)
- Black (53%)



- Cyan (86%)
- Magenta (53%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247977 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 247977 by changing the saturation by 10% instead.

 247977

 247977

FFFFFF

 00605E

 5EAEAB

 004847

 7AC9C6

 003130

 96E6E2

 001E1B

 B2FFFF

 000000

 CFFFFF

 ECFFFF

 247977

 247977

 187977

 307977

■ 0C7976

■ 3C7978

■ 007976

■ 487978

■ 547978

■ 607978

■ 6D7979

■ 797979

■ 857979

■ 91797A

Harmonies

Analogous

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



3F7861



247977



1E778B

Triad

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



247977



7D648C



866844

Complementary

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



247977



792426

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.



946150



247977



905E7A

Square

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



247977



5F6C97



985D64



726F43

Rectangle

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



247977



307594



985D64



8B6647

Sweetspot

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



247977



7D9E9D



277924



3B4F4F



CFCFCF



4F4F4F

Same Dimension

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



247977



199E9B



245179



373D3D



007D7A



00FCF7

Inverse Universe

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



792426



9E191C



794C24



3D3737



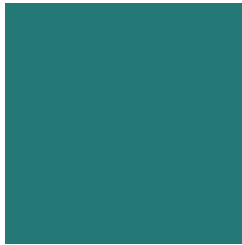
7D0003



FC0006

Previews

White Background



This preview shows how the Hex color 247977 looks on a white background.

Color Contrast Check

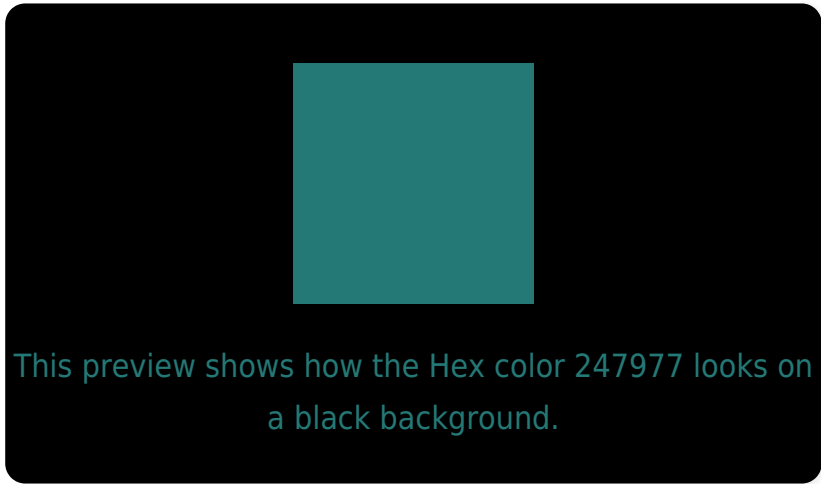
Large Text (above 18pt) WCAG AA ✓ Pass

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

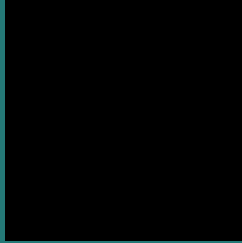
Any Text WCAG AA × Fail

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 247977 Background



This preview shows how black text looks on a background with the Hex color 247977.

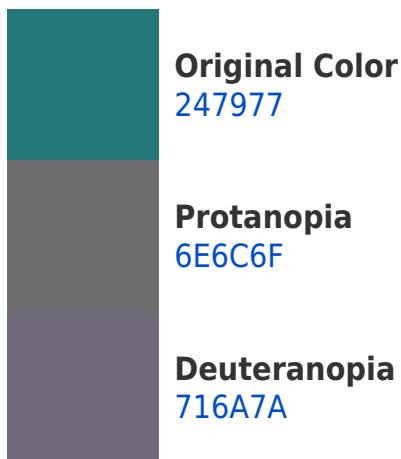



This preview shows how white text looks on a background with the Hex color 247977.

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
2A7781

Trichromacy



Original Color
247977

Protanomaly
537172

Deuteranomaly
556F79

Tritanomaly
28787D

Monochromacy



Original Color
247977

Achromatopsia
5F5F5F

Achromatomaly
4A6868

CSS Examples

Text

The CSS property to change the color of the text to Hex 247977 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 #247977 looks like.

```
.text, #text, p{  
    color:#247977  
}
```

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 #247977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247977
}
```

Border

The CSS property to change the border of an element to Hex 247977 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
#247977 }
```

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

```
.border{ border-color:#247977 }
```

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

Here you see how a box with a 4 pixel #247977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247977; -webkit-box-shadow:4px 4px  
4px 4px #247977; box-shadow:4px 4px 4px  
4px #247977 }
```

Background

The CSS property to change the background color of an element to Hex 247977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247977 }
```

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

```
.background{ background-color:#247977 }
```

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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