

Converting Colors

Hex(247F96)

Have a look what the booklet for
Hex(247F96) contains.

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Color

Hex(247F96)

Conversions

Conversions Part 1

Format	Color
Hex	247F96
RGB	36, 127, 150
RGB Percent	14%, 50%, 59%
CMY	0.8588, 0.5020, 0.4118
CMYK	0.76, 0.15, 0.00, 0.41
HSL	192°, 61%, 36%
HSV	192°, 76%, 59%
XYZ	13.8219, 17.7558, 31.5529
YIQ	102.4130, -61.6190, -12.1390

Conversions

Conversions Part 2

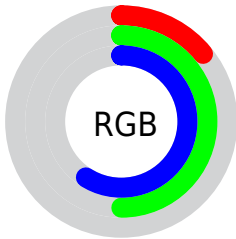
Format	Color
R_{YB}	36, 87, 150
Decimal	2391958
CIE _{Lab}	49.20, -18.09, -19.94
CIE _{LCh}	49, 26.925, 227.776
Yxy	17.7558, 0.2189, 0.2813
Android (android.graphics.Color)	4280582038 (0xFF247F96)
YUV	102.4130, 23.4604, -58.2442
Hunter-Lab	42.1377, -15.1895, -14.9003

Details

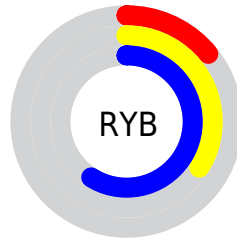
The Hex color **247F96** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **963B24**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **63B4CC**, and **004E63** is the 20% darker color. If you saturate the color by 10%, you get **157C96**, and if you desaturate by 10%, it is **338296**.

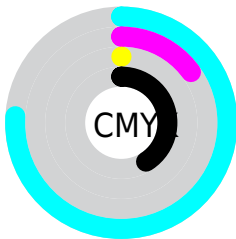
Distribution



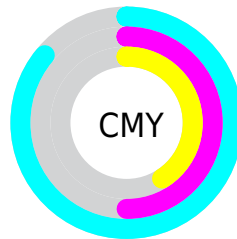
- Red (14%)
- Green (50%)
- Blue (59%)



- Red (14%)
- Yellow (34%)
- Blue (59%)



- Cyan (76%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (86%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 247F96 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 247F96 by changing the saturation by 10% instead.

■ 247F96

■ 247F96

FFFFFF

■ 00667C

■ 63B4CC

■ 004E63

■ 80D0E8

■ 00374B

■ 9CECFF

■ 002134

■ B9FFFF

■ 000220

■ D6FFFF

■ 000003

■ F4FFFF

■ 000000

■ 247F96

■ 247F96

■ 157C96

■ 338296

067996

428596

007896

518896

608B96

6F8E96

7E9196

8D9496

9C9796

AB9A96

Harmonies

Analogous

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



258182



247F96



457AA1

Triad

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



247F96



9C647F



777849

Complementary

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



247F96



963B24

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.



8D7048



247F96



A26468

Square

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



247F96



886A94



9C6954



5D7D56

Rectangle

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



247F96



5E75A2



9C6954



7E7547

Sweetspot

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



247F96



95B9C2



24963B



465B61



E0E0E0



616161

Same Dimension

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



247F96



119EC2



244696



43484A



006E8A



00080A

Inverse Universe

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



96247F



C2119E



967424



4A4348



8A006E



0A0008

Previews

White Background



This preview shows how the Hex color 247F96 looks on a white background.

Color Contrast Check

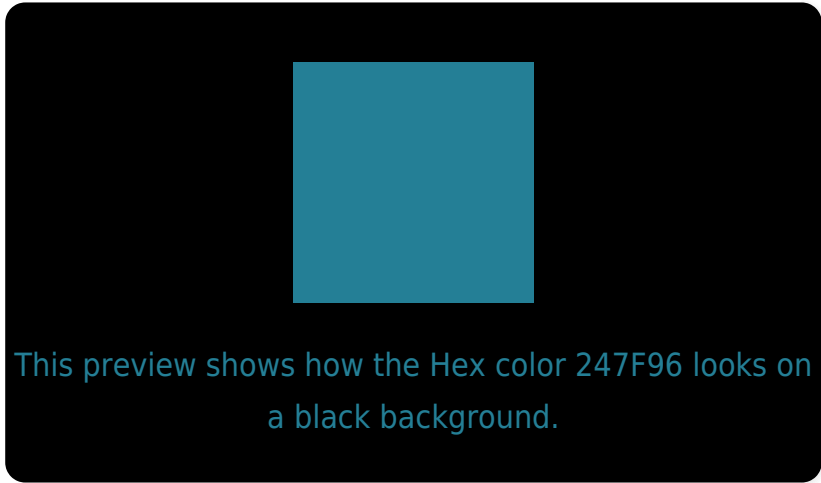
Large Text (above 18pt) WCAG AA ✓ Pass

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

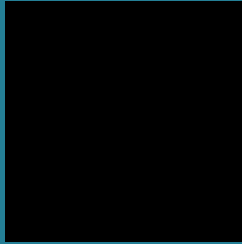
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 247F96 Background



This preview shows how black text looks on a background with the Hex color 247F96.

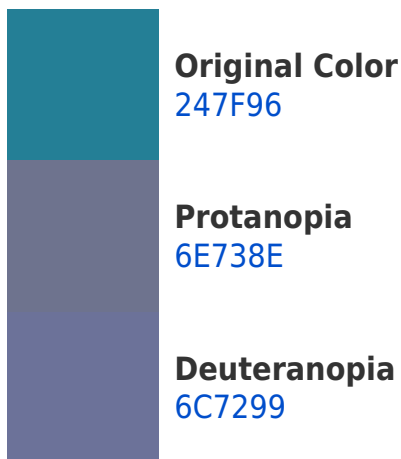


This preview shows how white text looks on a background with the Hex color 247F96.

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](#).

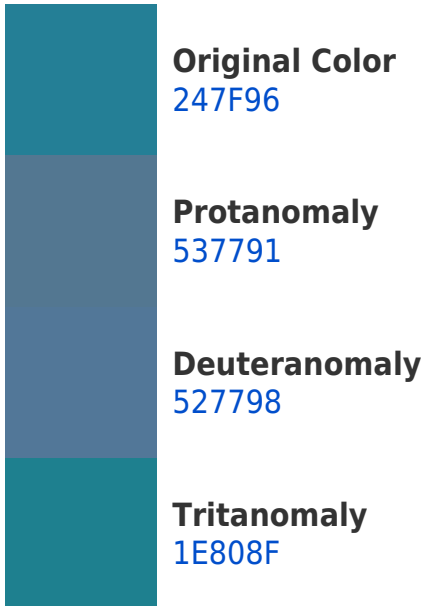
Dichromacy





Tritanopia
1A818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 247F96 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 #247F96 looks like.

```
.text, #text, p{  
    color:#247F96  
}
```

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 #247F96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #247F96
}
```

Border

The CSS property to change the border of an element to Hex 247F96 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
#247F96 }
```

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

```
.border{ border-color:#247F96 }
```

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

Here you see how a box with a 4 pixel #247F96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #247F96; -webkit-box-shadow:4px 4px  
4px 4px #247F96; box-shadow:4px 4px 4px  
4px #247F96 }
```

Background

The CSS property to change the background color of an element to Hex 247F96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#247F96 }
```

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

```
.background{ background-color:#247F96 }
```

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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