

Converting Colors

Hex(186876)

Have a look what the booklet for
Hex(186876) contains.

Hex(186876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(186876)

Conversions

Conversions Part 1

Format	Color
Hex	186876
RGB	24, 104, 118
RGB Percent	9%, 41%, 46%
CMY	0.9059, 0.5922, 0.5373
CMYK	0.80, 0.12, 0.00, 0.54
HSL	189°, 66%, 28%
HSV	189°, 80%, 46%
XYZ	8.5970, 11.4028, 18.8874
YIQ	81.6760, -52.1740, -12.6060

Conversions

Conversions Part 2

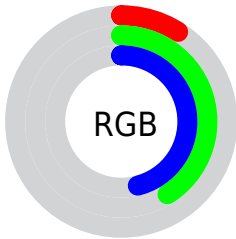
Format	Color
R_{YB}	24, 67, 118
Decimal	1599606
CIE _{Lab}	40.25, -18.02, -14.56
CIE _{LCh}	40, 23.163, 218.936
Yxy	11.4028, 0.2211, 0.2932
Android (android.graphics.Color)	4279789686 (0xFF186876)
YUV	81.6760, 17.9077, -50.5819
Hunter-Lab	33.7681, -13.6498, -9.5249

Details

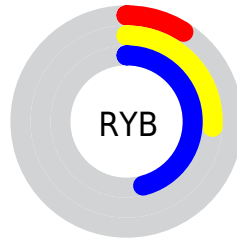
The Hex color **186876** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **762618**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **559BAA**, and **003946** is the 20% darker color. If you saturate the color by 10%, you get **0C6676**, and if you desaturate by 10%, it is **246A76**.

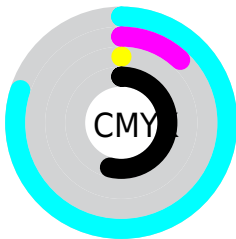
Distribution



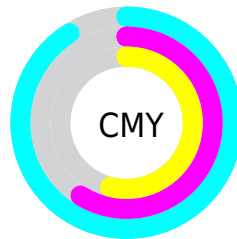
- Red (9%)
- Green (41%)
- Blue (46%)



- Red (9%)
- Yellow (26%)
- Blue (46%)



- Cyan (80%)
- Magenta (12%)
- Yellow (0%)
- Black (54%)




- Cyan (91%)
- Magenta (59%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186876 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 186876 by changing the saturation by 10% instead.

 186876

 186876

FFFFFF

 00505D

 559BAA

 003946

 71B6C5

 00232F

 8CD2E1

 00031B

 A8EEFE

 000000

 C5FFFF

 E2FFFF

 186876

 186876

 0C6676

 246A76

■ 006476

■ 306C76

■ 3B6D76

■ 476F76

■ 537176

■ 5F7376

■ 6B7476

■ 767676

■ 827876

Harmonies

Analogous

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



236964



186876



2E6482

Triad

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



186876



7B526D



666039

Complementary

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



186876



762618

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.



77593C



186876



84505A

Square

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



186876



69587C



825348



516541

Rectangle

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



186876



436184



825348



6C5D39

Sweetspot

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



186876



749499



187625



36494D



CCCCCC



4D4D4D

Same Dimension

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



186876



068399



183A76



353A3B



00687A



00D5FA

Inverse Universe

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



761868



990683



765418



3B353A



7A0068



FA00D5

Previews

White Background



This preview shows how the Hex color 186876 looks on a white background.

Color Contrast Check

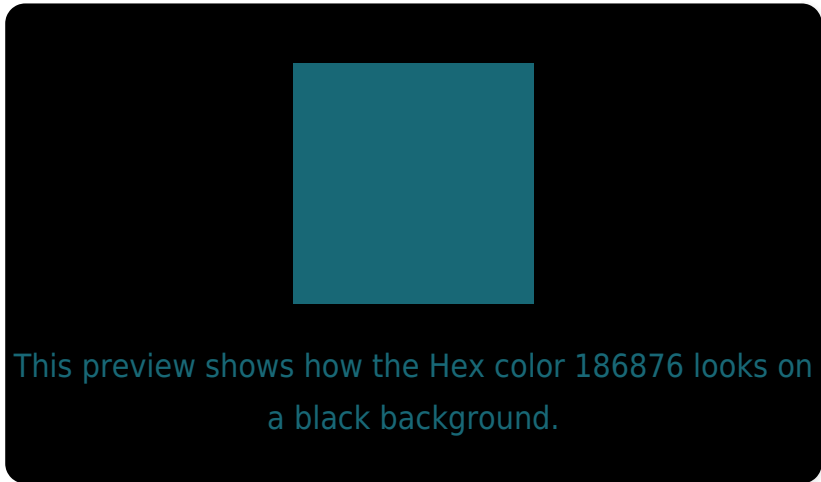
Large Text (above 18pt) WCAG AA ✓ Pass

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

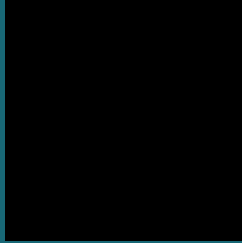
Any Text WCAG AA × Fail

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 186876 Background



This preview shows how black text looks on a background with the Hex color 186876.

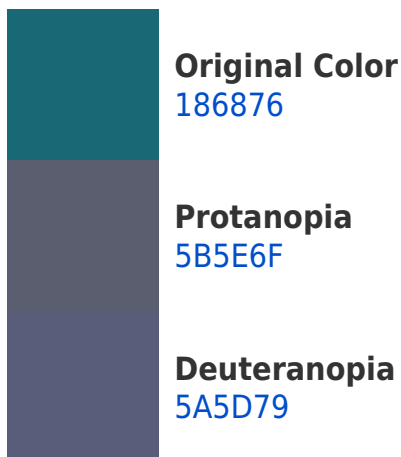



This preview shows how white text looks on a background with the Hex color 186876.

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](#).

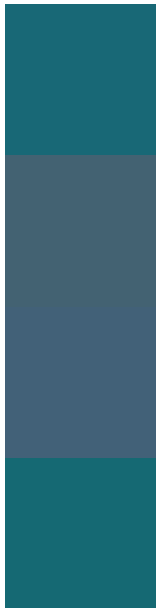
Dichromacy





Tritanopia
136971

Trichromacy



Original Color
186876

Protanomaly
436272

Deuteranomaly
426178

Tritanomaly
156973

Monochromacy



Original Color
186876

Achromatopsia
525252

Achromatomaly
3D5A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 186876 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 #186876 looks like.

```
.text, #text, p{  
    color:#186876  
}
```

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 #186876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186876
}
```

Border

The CSS property to change the border of an element to Hex 186876 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
#186876 }
```

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

```
.border{ border-color:#186876 }
```

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

Here you see how a box with a 4 pixel #186876 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186876; -webkit-box-shadow:4px 4px  
4px 4px #186876; box-shadow:4px 4px 4px  
4px #186876 }
```

Background

The CSS property to change the background color of an element to Hex 186876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186876 }
```

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

```
.background{ background-color:#186876 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor