

Converting Colors

Hex(186977)

Have a look what the booklet for
Hex(186977) contains.

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Color

Hex(186977)

Conversions

Conversions Part 1

Format	Color
Hex	186977
RGB	24, 105, 119
RGB Percent	9%, 41%, 47%
CMY	0.9059, 0.5882, 0.5333
CMYK	0.80, 0.12, 0.00, 0.53
HSL	189°, 66%, 28%
HSV	189°, 80%, 47%
XYZ	8.7580, 11.6293, 19.2358
YIQ	82.3770, -52.7700, -12.8180

Conversions

Conversions Part 2

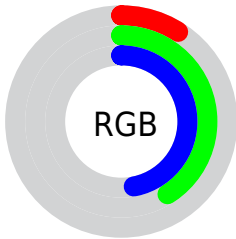
Format	Color
R_YB	24, 68, 119
Decimal	1599863
CIE Lab	40.62, -18.22, -14.60
CIE LCh	41, 23.348, 218.709
Yxy	11.6293, 0.2210, 0.2935
Android (android.graphics.Color)	4279789943 (0xFF186977)
YUV	82.3770, 18.0551, -51.1966
Hunter-Lab	34.1017, -13.8354, -9.5727

Details

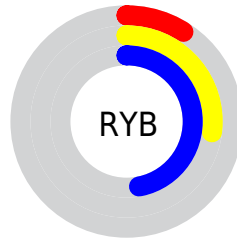
The Hex color **186977** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **772618**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **559CAB**, and **003A47** is the 20% darker color. If you saturate the color by 10%, you get **0C6777**, and if you desaturate by 10%, it is **246B77**.

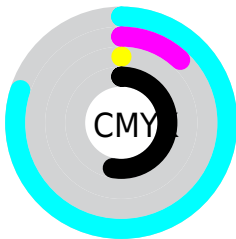
Distribution



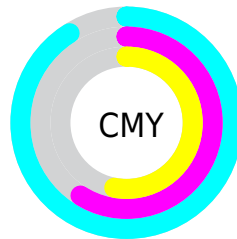
- Red (9%)
- Green (41%)
- Blue (47%)



- Red (9%)
- Yellow (27%)
- Blue (47%)



- Cyan (80%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)



- Cyan (91%)
- Magenta (59%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186977 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 186977 by changing the saturation by 10% instead.

 186977

 186977

FFFFFF

 00515E

 559CAB

 003A47

 71B7C7

 002430

 8DD3E3

 00061C

 A9F0FF

 000000

 C5FFFF

 E2FFFF

 186977

 186977

 0C6777

 246B77

■ 006577

■ 306D77

■ 3C6E77

■ 487077

■ 537277

■ 5F7477

■ 6B7577

■ 777777

■ 837977

Harmonies

Analogous

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



236A65



186977



2F6583

Triad

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



186977



7C536E



67603A

Complementary

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



186977



772618

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.



785A3C



186977



85515B

Square

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



186977



69597E



835449



526641

Rectangle

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



186977



446286



835449



6D5E39

Sweetspot

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



186977



76969C



187725



384C4F



CFCFCF



4F4F4F

Same Dimension

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



186977



06869C



183B77



353A3B



00687A



00D5FA

Inverse Universe

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



771869



9C0686



775418



3B353A



7A0068



FA00D5

Previews

White Background



This preview shows how the Hex color 186977 looks on a white background.

Color Contrast Check

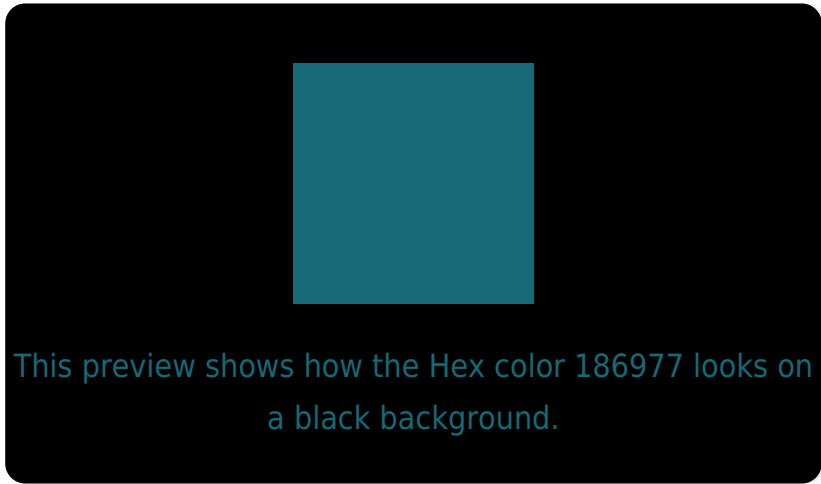
Large Text (above 18pt) WCAG AA ✓ Pass

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

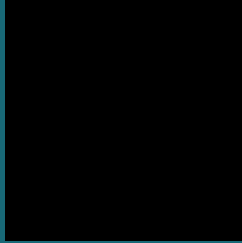
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

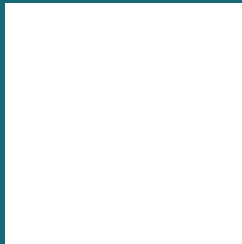
Any Text WCAG AAA × Fail

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

Hex 186977 Background



This preview shows how black text looks on a background with the Hex color 186977.



This preview shows how white text looks on a background with the Hex color 186977.

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
136A72

Trichromacy



Original Color
186977

Protanomaly
436373

Deuteranomaly
436279

Tritanomaly
156A74

Monochromacy



Original Color
186977

Achromatopsia
525252

Achromatomaly
3D5A5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 186977 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 #186977 looks like.

```
.text, #text, p{  
    color:#186977  
}
```

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 #186977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186977
}
```

Border

The CSS property to change the border of an element to Hex 186977 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
#186977 }
```

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

```
.border{ border-color:#186977 }
```

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

Here you see how a box with a 4 pixel #186977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186977; -webkit-box-shadow:4px 4px  
4px 4px #186977; box-shadow:4px 4px 4px  
4px #186977 }
```

Background

The CSS property to change the background color of an element to Hex 186977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186977 }
```

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

```
.background{ background-color:#186977 }
```

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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