

Converting Colors

Hex(186C81)

Have a look what the booklet for
Hex(186C81) contains.

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Color

Hex(186C81)

Conversions

Conversions Part 1

Format	Color
Hex	186C81
RGB	24, 108, 129
RGB Percent	9%, 42%, 51%
CMY	0.9059, 0.5765, 0.4941
CMYK	0.81, 0.16, 0.00, 0.49
HSL	192°, 69%, 30%
HSV	192°, 81%, 51%
XYZ	9.7017, 12.5043, 22.6711
YIQ	85.2780, -56.8050, -11.2770

Conversions

Conversions Part 2

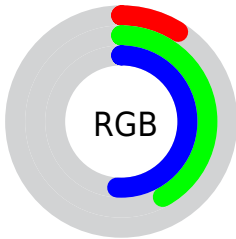
Format	Color
R_{YB}	24, 71, 129
Decimal	1600641
CIE _{Lab}	42.01, -16.36, -18.53
CIE _{LCh}	42, 24.716, 228.564
Yxy	12.5043, 0.2162, 0.2786
Android (android.graphics.Color)	4279790721 (0xFF186C81)
YUV	85.2780, 21.5549, -53.7408
Hunter-Lab	35.3614, -12.9095, -13.2594

Details

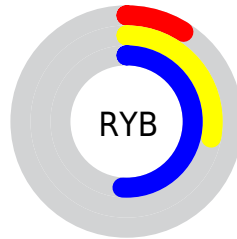
The Hex color **186C81** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **812D18**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **57A0B6**, and **003C50** is the 20% darker color. If you saturate the color by 10%, you get **0B6981**, and if you desaturate by 10%, it is **256F81**.

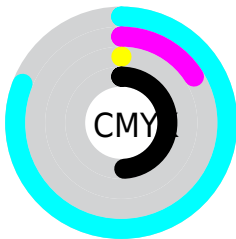
Distribution



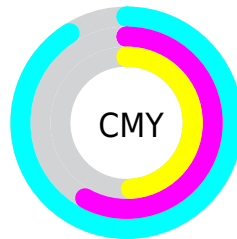
- Red (9%)
- Green (42%)
- Blue (51%)



- Red (9%)
- Yellow (28%)
- Blue (51%)



- Cyan (81%)
- Magenta (16%)
- Yellow (0%)
- Black (49%)




- Cyan (91%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 186C81 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 186C81 by changing the saturation by 10% instead.

 186C81

 186C81

FFFFFF

 005468

 57A0B6

 003C50

 73BBD2

 002639

 8FD6EE

 000F23

 ACF3FF

 00000B

 C8FFFF

 000000

 E5FFFF

 186C81

 186C81

 0B6981

 256F81

■ 006781

■ 327181

■ 3F7481

■ 4C7681

■ 597981

■ 657B81

■ 727E81

■ 7F8181

■ 8C8381

Harmonies

Analogous

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



186E6F



186C81



39678B

Triad

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



186C81



86546C



64663C

Complementary

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



186C81



812D18

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.



785F3B



186C81



8B5457

Square

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



186C81



75597E



865845



4D6B48

Rectangle

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



186C81



50638B



865845



6B643A

Sweetspot

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



186C81



80A0A8



18812D



3C4F54



D4D4D4



545454

Same Dimension

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



186C81



0387A8



183781



393E40



006680



000000

Inverse Universe

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



81186C



A80387



816218



40393E



800066



000000

Previews

White Background



This preview shows how the Hex color 186C81 looks on a white background.

Color Contrast Check

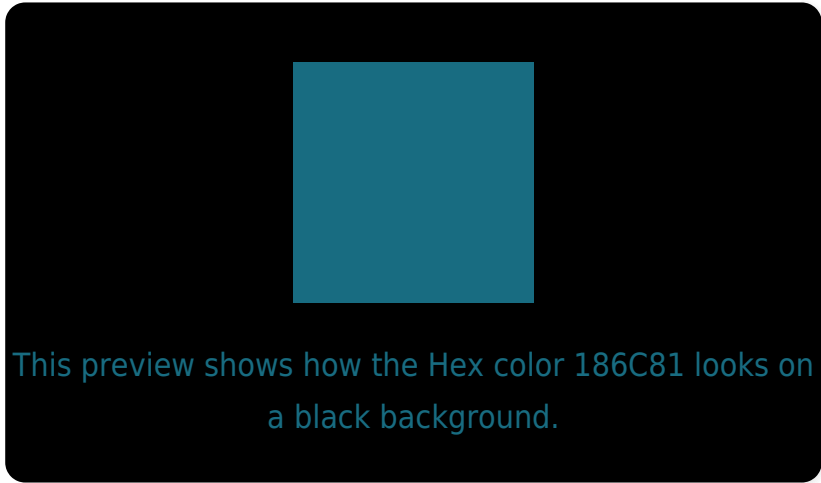
Large Text (above 18pt) WCAG AA ✓ Pass

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

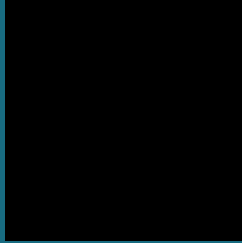
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

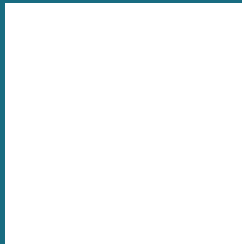
Any Text WCAG AAA × Fail

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

Hex 186C81 Background



This preview shows how black text looks on a background with the Hex color 186C81.

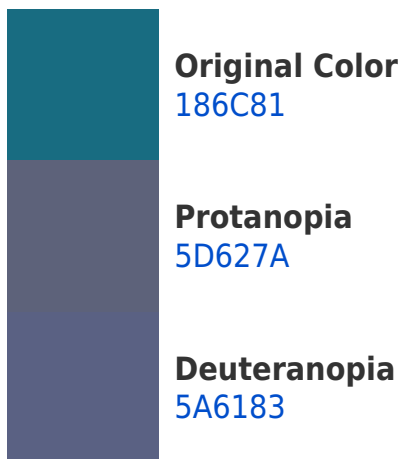


This preview shows how white text looks on a background with the Hex color 186C81.

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](#).

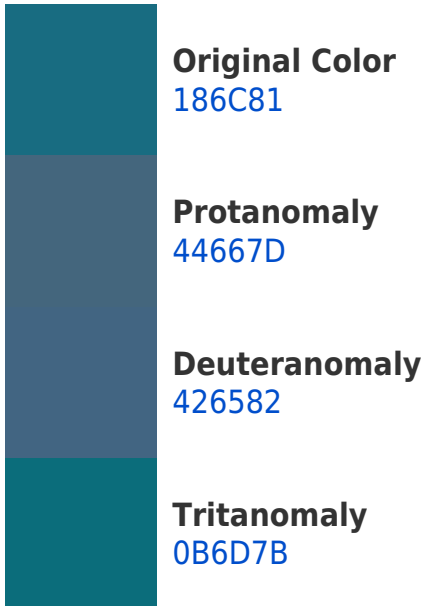
Dichromacy





Tritanopia
036E77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 186C81 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 #186C81 looks like.

```
.text, #text, p{  
    color:#186C81  
}
```

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 #186C81 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186C81
}
```

Border

The CSS property to change the border of an element to Hex 186C81 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
#186C81 }
```

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

```
.border{ border-color:#186C81 }
```

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

Here you see how a box with a 4 pixel #186C81 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186C81; -webkit-box-shadow:4px 4px  
4px 4px #186C81; box-shadow:4px 4px 4px  
4px #186C81 }
```

Background

The CSS property to change the background color of an element to Hex 186C81 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186C81 }
```

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

```
.background{ background-color:#186C81 }
```

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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