

# Converting Colors

Hex(186C60)

Have a look what the booklet for  
Hex(186C60) contains.

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# Color

Hex(186C60)

# Conversions

## Conversions Part 1

Format	Color
Hex	186C60
RGB	24, 108, 96
RGB Percent	9%, 42%, 38%
CMY	0.9059, 0.5765, 0.6235
CMYK	0.78, 0.00, 0.11, 0.58
HSL	171°, 64%, 26%
HSV	171°, 78%, 42%
XYZ	7.8506, 11.7638, 12.9232
YIQ	81.5160, -46.2120, -21.5400

# Conversions

## Conversions Part 2

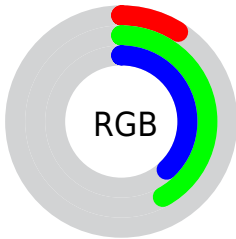
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 69, 108
Decimal	1600608
CIE <sub>Lab</sub>	40.84, -27.24, -0.29
CIE <sub>LCh</sub>	41, 27.244, 180.612
Yxy	11.7638, 0.2413, 0.3615
Android (android.graphics.Color)	4279790688 (0xFF186C60)
YUV	81.5160, 7.1406, -50.4415
Hunter-Lab	34.2985, -19.1655, 1.6692

# Details

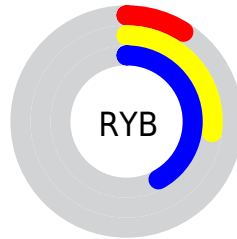
The Hex color **186C60** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6C1824**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **53A092**, and **003C32** is the 20% darker color. If you saturate the color by 10%, you get **0D6C5E**, and if you desaturate by 10%, it is **236C62**.

# Distribution



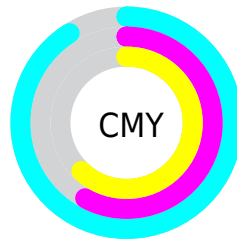
- Red (9%)
- Green (42%)
- Blue (38%)



- Red (9%)
- Yellow (27%)
- Blue (42%)



- Cyan (78%)
- Magenta (0%)
- Yellow (11%)
- Black (58%)




- Cyan (91%)
- Magenta (58%)
- Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 186C60 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 186C60 by changing the saturation by 10% instead.



 186C60

 186C60

FFFFFF

 005348

 53A092

 003C32

 6EBBAD

 00261D

 89D7C8

 000604

 A5F4E4

 000000

 C1FFFF

 DEFFFF

 FCFFFF

 186C60

 186C60

■ 0D6C5E

■ 236C62

■ 026C5D

■ 2E6C63

■ 006C5D

■ 386C65

■ 436C66

■ 4E6C68

■ 596C69

■ 646C6B

■ 6E6C6C

■ 796C6E

# Harmonies

## Analogous

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



3C6A4A



186C60



006B76

# Triad

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



186C60



635A87



80573A

# Complementary

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



186C60



6C1824

# 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.



8A514B



186C60



7D5377

# Square

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



186C60



3F628D



8A4F61



6E5F33

# Rectangle

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



186C60



006A82



8A4F61



85553F



# Sweetspot

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



186C60



6C8C88



256C18



334745



C7C7C7



474747



# Same Dimension

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



186C60



0A8C7A



184F6C



303635



007565



00F5D2



# Inverse Universe

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



6C1824



8C0A1C



6C3518



363031



750011



F50023



# Previews

## White Background



This preview shows how the Hex color 186C60 looks on a white background.

## Color Contrast Check

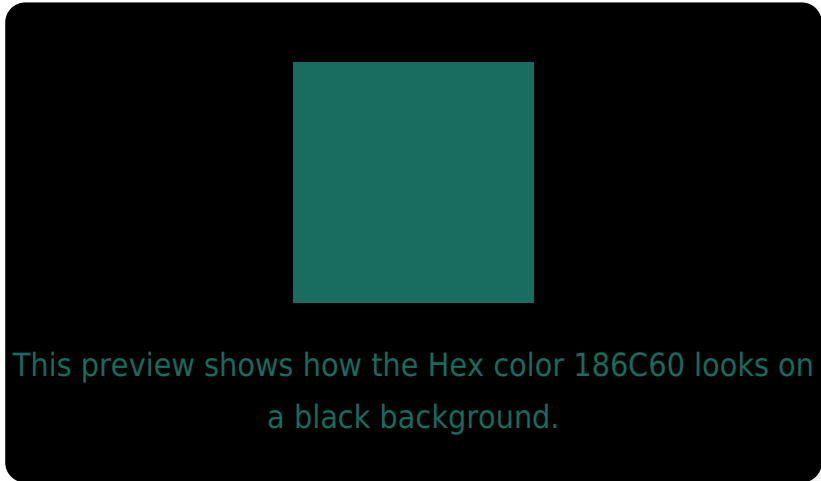
Large Text (above 18pt) WCAG AA ✓ Pass

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

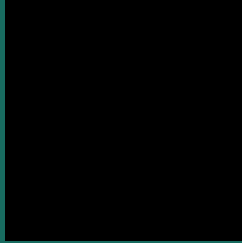
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 186C60 Background



This preview shows how black text looks on a background with the Hex color 186C60.

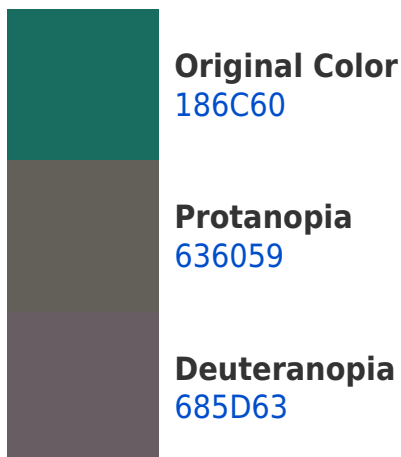



This preview shows how white text looks on a background with the Hex color 186C60.

# 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](#).

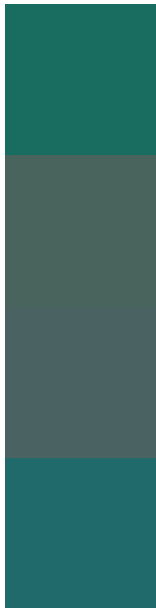
## Dichromacy





**Tritanopia**  
246972

# Trichromacy



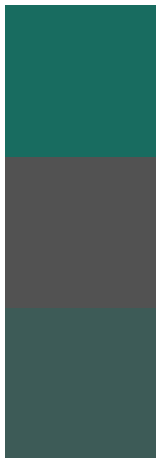
**Original Color**  
186C60

**Protanomaly**  
48645C

**Deuteranomaly**  
4B6262

**Tritanomaly**  
206A6B

# Monochromacy



**Original Color**  
186C60

**Achromatopsia**  
525252

**Achromatomaly**  
3D5B57

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 186C60 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 #186C60 looks like.

```
.text, #text, p{  
    color:#186C60  
}
```

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 #186C60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #186C60
}
```

## Border

The CSS property to change the border of an element to Hex 186C60 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
#186C60 }
```

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

```
.border{ border-color:#186C60 }
```

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

Here you see how a box with a 4 pixel #186C60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #186C60; -webkit-box-shadow:4px 4px  
4px 4px #186C60; box-shadow:4px 4px 4px  
4px #186C60 }
```

# Background

The CSS property to change the background color of an element to Hex 186C60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#186C60 }
```

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

```
.background{ background-color:#186C60 }
```

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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