

Converting Colors

Hex(196D60)

Have a look what the booklet for
Hex(196D60) contains.

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Color

Hex(196D60)

Conversions

Conversions Part 1

Format	Color
Hex	196D60
RGB	25, 109, 96
RGB Percent	10%, 43%, 38%
CMY	0.9020, 0.5725, 0.6235
CMYK	0.77, 0.00, 0.12, 0.57
HSL	171°, 63%, 26%
HSV	171°, 77%, 43%
XYZ	7.9809, 11.9885, 12.9597
YIQ	82.4020, -45.8910, -21.8510

Conversions

Conversions Part 2

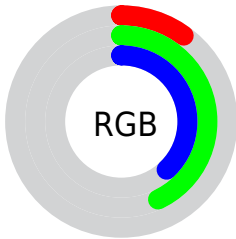
Format	Color
RYB	25, 71, 109
Decimal	1666400
CIELab	41.20, -27.59, 0.24
CIELCh	41, 27.596, 179.509
Yxy	11.9885, 0.2424, 0.3641
Android (android.graphics.Color)	4279856480 (0xFF196D60)
YUV	82.4020, 6.7038, -50.3416
Hunter-Lab	34.6244, -19.4487, 2.0452

Details

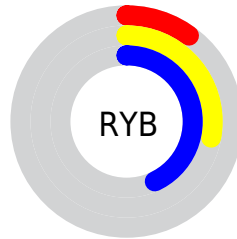
The Hex color **196D60** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6D1926**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **54A192**, and **003D32** is the 20% darker color. If you saturate the color by 10%, you get **0E6D5E**, and if you desaturate by 10%, it is **246D62**.

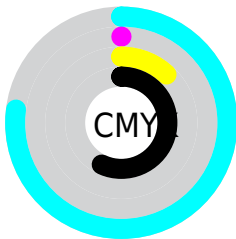
Distribution



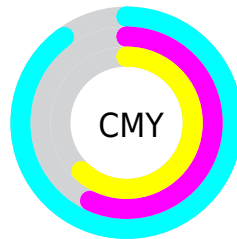
- Red (10%)
- Green (43%)
- Blue (38%)



- Red (10%)
- Yellow (28%)
- Blue (43%)



- Cyan (77%)
- Magenta (0%)
- Yellow (12%)
- Black (57%)



- Cyan (90%)
- Magenta (57%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196D60 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 196D60 by changing the saturation by 10% instead.

 196D60

 196D60

FFFFFF

 005448

 54A192

 003D32

 6FBCAD

 00271D

 8AD8C8

 000804

 A6F5E4

 000000

 C2FFFF

 DFFFFF

 FFFFFFFF

 196D60

 196D60

■ 0E6D5E

■ 246D62

■ 036D5D

■ 2F6D63

■ 006D5C

■ 3A6D65

■ 456D67

■ 4F6D68

■ 5A6D6A

■ 656D6C

■ 706D6D

■ 7B6D6F

Harmonies

Analogous

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



3D6B49



196D60



006D77

Triad

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



196D60



635B89



82583B

Complementary

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



196D60



6D1926

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.



8C514C



196D60



7D5378

Square

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



196D60



3E648E



8B4F62



706033

Rectangle

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



196D60



006B83



8B4F62



865540

Sweetspot

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



196D60



6E8F8A



276D19



334744



C7C7C7



474747

Same Dimension

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



196D60



0B8F7A



19516D



303635



007563



00F5CF

Inverse Universe

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



6D1926



8F0B20



6D3519



363031



750012



F50026

Previews

White Background



This preview shows how the Hex color 196D60 looks on a white background.

Color Contrast Check

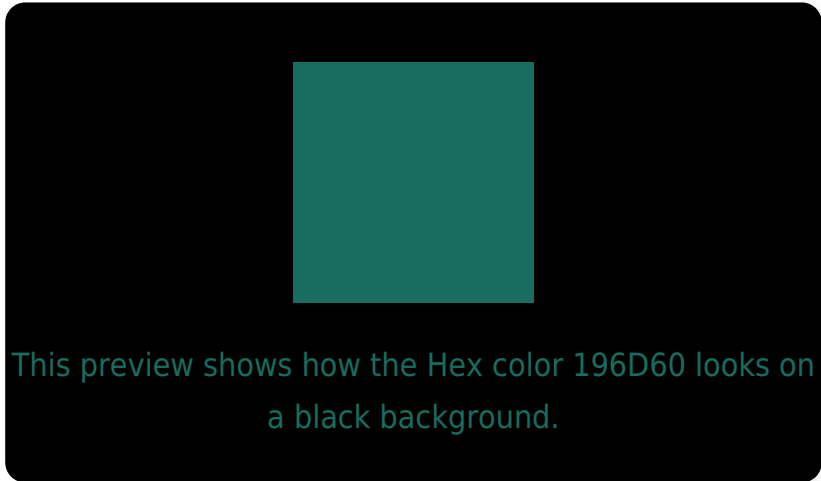
Large Text (above 18pt) WCAG AA ✓ Pass

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

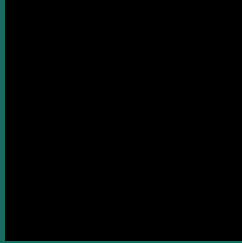
Any Text WCAG AA × Fail

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 196D60 Background



This preview shows how black text looks on a background with the Hex color 196D60.

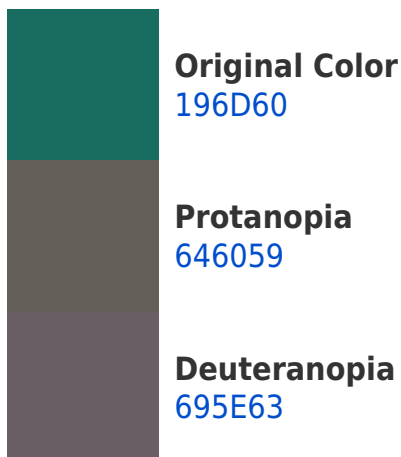



This preview shows how white text looks on a background with the Hex color 196D60.

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](#).

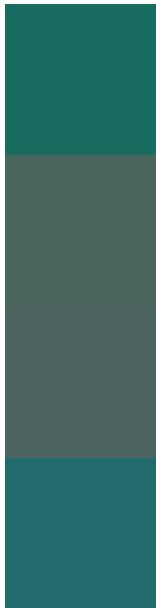
Dichromacy





Tritanopia
256A73

Trichromacy



Original Color
196D60

Protanomaly
49655C

Deuteranomaly
4C6362

Tritanomaly
216B6C

Monochromacy



Original Color
196D60

Achromatopsia
525252

Achromatomaly
3D5C57

CSS Examples

Text

The CSS property to change the color of the text to Hex 196D60 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 #196D60 looks like.

```
.text, #text, p{  
    color:#196D60  
}
```

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 #196D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196D60
}
```

Border

The CSS property to change the border of an element to Hex 196D60 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
#196D60 }
```

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

```
.border{ border-color:#196D60 }
```

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

Here you see how a box with a 4 pixel #196D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196D60; -webkit-box-shadow:4px 4px  
4px 4px #196D60; box-shadow:4px 4px 4px  
4px #196D60 }
```

Background

The CSS property to change the background color of an element to Hex 196D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196D60 }
```

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

```
.background{ background-color:#196D60 }
```

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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