

# Converting Colors

Hex(196870)

Have a look what the booklet for  
Hex(196870) contains.

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# Color

**Hex(196870)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	196870
RGB	25, 104, 112
RGB Percent	10%, 41%, 44%
CMY	0.9020, 0.5922, 0.5608
CMYK	0.78, 0.07, 0.00, 0.56
HSL	186°, 64%, 27%
HSV	186°, 78%, 44%
XYZ	8.2758, 11.2772, 17.0698
YIQ	81.2910, -49.6520, -14.2600

# Conversions

## Conversions Part 2

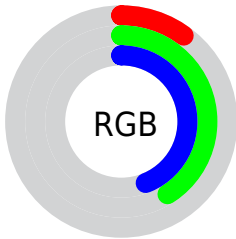
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 66, 112
Decimal	1665136
CIE <sub>Lab</sub>	40.04, -19.95, -11.21
CIE <sub>LCh</sub>	40, 22.889, 209.338
Yxy	11.2772, 0.2260, 0.3079
Android (android.graphics.Color)	4279855216 (0xFF196870)
YUV	81.2910, 15.1395, -49.3672
Hunter-Lab	33.5815, -14.7779, -6.6306

# Details

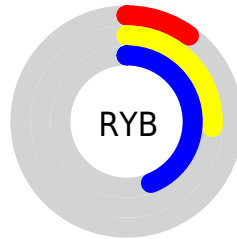
The Hex color **196870** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **702119**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **559BA4**, and **003840** is the 20% darker color. If you saturate the color by 10%, you get **0E6770**, and if you desaturate by 10%, it is **246970**.

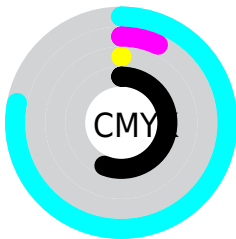
# Distribution



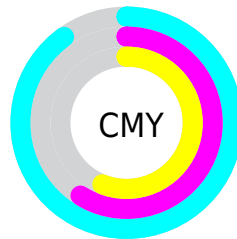
- Red (10%)
- Green (41%)
- Blue (44%)



- Red (10%)
- Yellow (26%)
- Blue (44%)



- Cyan (78%)
- Magenta (7%)
- Yellow (0%)
- Black (56%)



- Cyan (90%)
- Magenta (59%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 196870 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 196870 by changing the saturation by 10% instead.



196870

196870

FFFFFF

005058

559BA4

003840

70B6BF

00232A

8BD2DB

000117

A7EEF7

000000

C4FFFF

E1FFFF

FEFFFF

196870

196870

■ 0E6770

■ 246970

■ 036670

■ 2F6A70

■ 006670

■ 3B6B70

■ 466C70

■ 516D70

■ 5C6E70

■ 676F70

■ 737070

■ 7E7170

# Harmonies

## Analogous

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



2A685D



196870



26657E

# Triad

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



196870



765372



6B5D39

# Complementary

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



196870



702119

# 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.



7A573F



196870



81505F

# Square

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



196870



605A7F



82514D



58633D

# Rectangle

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



196870



396283



82514D



715B3A



# Sweetspot

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



196870



708E91



197020



35484A



C9C9C9



4A4A4A



# Same Dimension

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



196870



0A8591



193D70



323838



006D78



00E1F7



# Inverse Universe

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



701968



910A85



704C19



383238



78006D

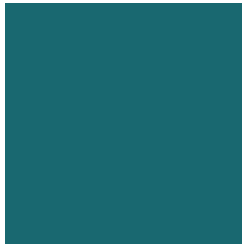


F700E1



# Previews

## White Background



This preview shows how the Hex color 196870 looks on a white background.

## Color Contrast Check

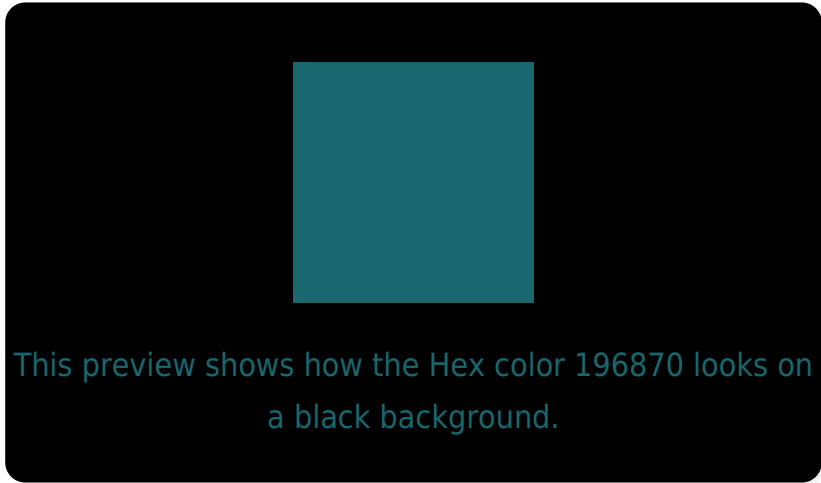
Large Text (above 18pt) WCAG AA ✓ Pass

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

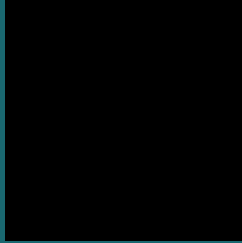
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 196870 Background



This preview shows how black text looks on a background with the Hex color 196870.



This preview shows how white text looks on a background with the Hex color 196870.

# 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](#).

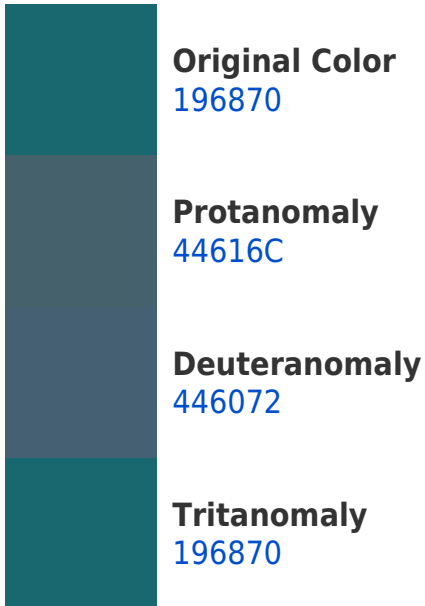
## Dichromacy





**Tritanopia**  
196870

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 196870 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 #196870 looks like.

```
.text, #text, p{  
    color:#196870  
}
```

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 #196870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196870
}
```

## Border

The CSS property to change the border of an element to Hex 196870 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
#196870 }
```

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

```
.border{ border-color:#196870 }
```

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

Here you see how a box with a 4 pixel #196870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196870; -webkit-box-shadow:4px 4px  
4px 4px #196870; box-shadow:4px 4px 4px  
4px #196870 }
```

# Background

The CSS property to change the background color of an element to Hex 196870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196870 }
```

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

```
.background{ background-color:#196870 }
```

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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