

Converting Colors

Hex(196E7A)

Have a look what the booklet for
Hex(196E7A) contains.

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Color

Hex(196E7A)

Conversions

Conversions Part 1

Format	Color
Hex	196E7A
RGB	25, 110, 122
RGB Percent	10%, 43%, 48%
CMY	0.9020, 0.5686, 0.5216
CMYK	0.80, 0.10, 0.00, 0.52
HSL	187°, 66%, 29%
HSV	187°, 80%, 48%
XYZ	9.4897, 12.7637, 20.3758
YIQ	85.9530, -54.5120, -14.2880

Conversions

Conversions Part 2

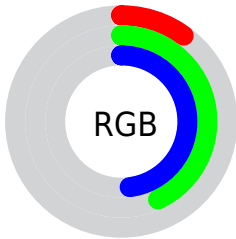
Format	Color
RYB	25, 70, 122
Decimal	1666682
CIELab	42.40, -19.79, -13.70
CIElCh	42, 24.067, 214.694
Yxy	12.7637, 0.2226, 0.2994
Android (android.graphics.Color)	4279856762 (0xFF196E7A)
YUV	85.9530, 17.7712, -53.4558
Hunter-Lab	35.7263, -15.1075, -8.8066

Details

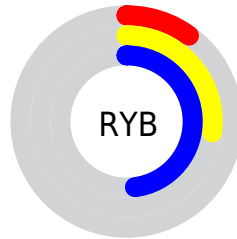
The Hex color **196E7A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **7A2519**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **57A2AE**, and **003E49** is the 20% darker color. If you saturate the color by 10%, you get **0D6C7A**, and if you desaturate by 10%, it is **25707A**.

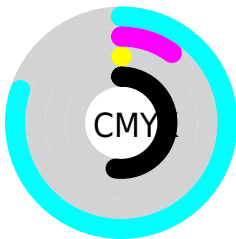
Distribution



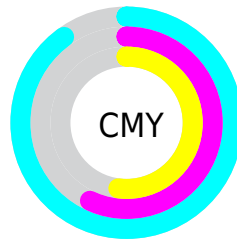
- Red (10%)
- Green (43%)
- Blue (48%)



- Red (10%)
- Yellow (27%)
- Blue (48%)



- Cyan (80%)
- Magenta (10%)
- Yellow (0%)
- Black (52%)



- Cyan (90%)
- Magenta (57%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196E7A 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 196E7A by changing the saturation by 10% instead.

■ 196E7A

■ 196E7A

FFFFFF

■ 005561

■ 57A2AE

■ 003E49

■ 73BDCA

■ 002833

■ 8ED9E6

■ 00111E

■ ABF5FF

■ 000001

■ C7FFFF

■ 000000

■ E4FFFF

■ 196E7A

■ 196E7A

■ 0D6C7A

■ 25707A

■ 016B7A

■ 31717A

■ 006B7A

■ 3E737A

■ 4A747A

■ 56767A

■ 62777A

■ 6E797A

■ 7B7A7A

■ 877C7A

Harmonies

Analogous

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



286F67



196E7A



2D6B87

Triad

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



196E7A



805775



6E643C

Complementary

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



196E7A



7A2519

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.



7F5D41



196E7A



8A5562

Square

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



196E7A



6B5E85



8A574E



596A43

Rectangle

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



196E7A



42678B



8A574E



75623C

Sweetspot

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



196E7A



78999E



197A24



384C4F



CFCFCF



4F4F4F

Same Dimension

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



196E7A



088C9E



193E7A



373C3D



006D7D



00DDFC

Inverse Universe

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



7A196E



9E088C



7A5519



3D373C



7D006D



FC00DD

Previews

White Background



This preview shows how the Hex color 196E7A looks on a white background.

Color Contrast Check

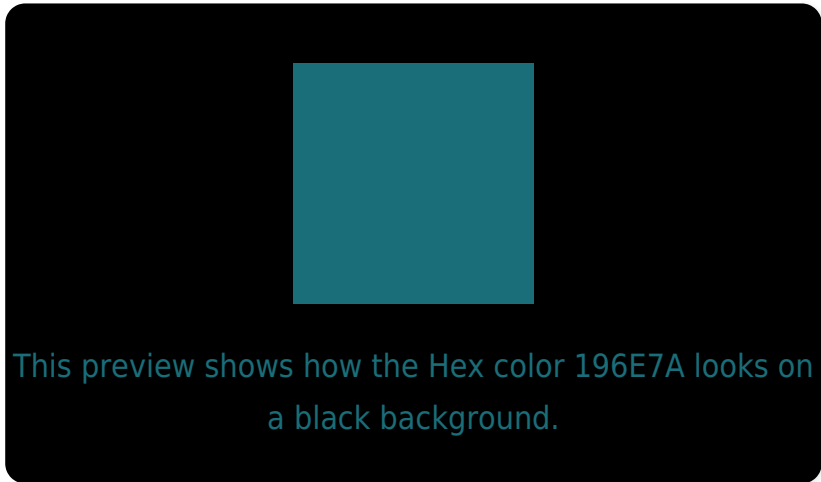
Large Text (above 18pt) WCAG AA ✓ Pass

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

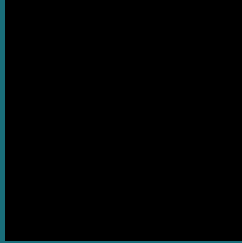
Any Text WCAG AA × Fail

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 196E7A Background



This preview shows how black text looks on a background with the Hex color 196E7A.



This preview shows how white text looks on a background with the Hex color 196E7A.

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
166E77

Trichromacy



Original Color
196E7A

Protanomaly
476776

Deuteranomaly
46667C

Tritanomaly
176E78

Monochromacy



Original Color
196E7A

Achromatopsia
565656

Achromatomaly
405F63

CSS Examples

Text

The CSS property to change the color of the text to Hex 196E7A 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 #196E7A looks like.

```
.text, #text, p{  
    color:#196E7A  
}
```

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 #196E7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196E7A
}
```

Border

The CSS property to change the border of an element to Hex 196E7A 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
#196E7A }
```

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

```
.border{ border-color:#196E7A }
```

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

Here you see how a box with a 4 pixel #196E7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196E7A; -webkit-box-shadow:4px 4px  
4px 4px #196E7A; box-shadow:4px 4px 4px  
4px #196E7A }
```

Background

The CSS property to change the background color of an element to Hex 196E7A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196E7A }
```

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

```
.background{ background-color:#196E7A }
```

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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