

Converting Colors

Hex(195A6E)

Have a look what the booklet for
Hex(195A6E) contains.

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Color

Hex(195A6E)

Conversions

Conversions Part 1

Format	Color
Hex	195A6E
RGB	25, 90, 110
RGB Percent	10%, 35%, 43%
CMY	0.9020, 0.6471, 0.5686
CMYK	0.77, 0.18, 0.00, 0.57
HSL	194°, 63%, 26%
HSV	194°, 77%, 43%
XYZ	6.8715, 8.6448, 16.0583
YIQ	72.8450, -45.1600, -7.5600

Conversions

Conversions Part 2

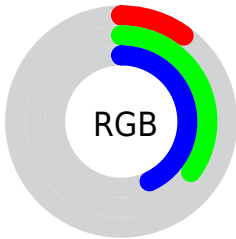
Format	Color
RYB	25, 62, 110
Decimal	1661550
CIELab	35.29, -12.79, -17.23
CIELCh	35, 21.462, 233.422
Yxy	8.6448, 0.2176, 0.2738
Android (android.graphics.Color)	4279851630 (0xFF195A6E)
YUV	72.8450, 18.3174, -41.9601
Hunter-Lab	29.4020, -9.7364, -11.8006

Details

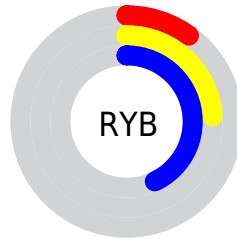
The Hex color **195A6E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6E2D19**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **538CA2**, and **002C3E** is the 20% darker color. If you saturate the color by 10%, you get **0E576E**, and if you desaturate by 10%, it is **245D6E**.

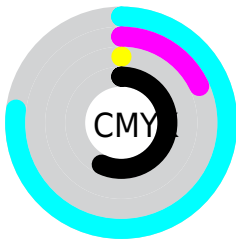
Distribution



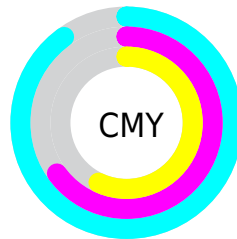
- Red (10%)
- Green (35%)
- Blue (43%)



- Red (10%)
- Yellow (24%)
- Blue (43%)



- Cyan (77%)
- Magenta (18%)
- Yellow (0%)
- Black (57%)



- Cyan (90%)
- Magenta (65%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 195A6E 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 195A6E by changing the saturation by 10% instead.

■ 195A6E

■ 195A6E

FFFFFF

■ 004256

■ 538CA2

■ 002C3E

■ 6EA7BD

■ 001928

■ 89C2D8

■ 000113

■ A4DEF5

■ 000000

■ C0FAFF

■ DDFFFF

■ FAFFFF

■ 195A6E

■ 195A6E

■ 0E576E

■ 245D6E

■ 03556E

■ 2F5F6E

■ 00546E

■ 3A626E

■ 45646E

■ 50676E

■ 5B6A6E

■ 666C6E

■ 716F6E

■ 7C716E

Harmonies

Analogous

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



135C60



195A6E



345675

Triad

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



195A6E



724657



515633

Complementary

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



195A6E



6E2D19

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.



625131



195A6E



754746

Square

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



195A6E



654A68



6F4B38



3D5A3E

Rectangle

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



195A6E



475274



6F4B38



575431

Sweetspot

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



195A6E



6E878F



196E2D



334347



C7C7C7



474747

Same Dimension

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



195A6E



0A708F



19306E



323738



005C78



00BDF7

Inverse Universe

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



6E195A



8F0A70



6E5719



383237



78005C



F700BD

Previews

White Background



This preview shows how the Hex color 195A6E looks on a white background.

Color Contrast Check

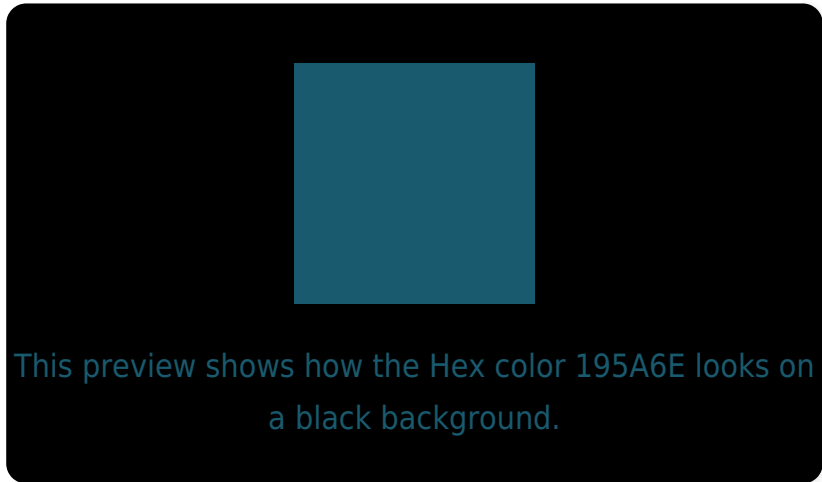
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

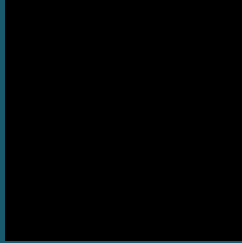
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

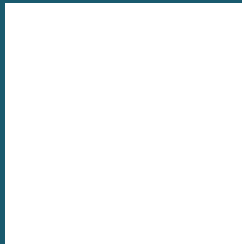
Any Text WCAG AAA × Fail

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

Hex 195A6E Background



This preview shows how black text looks on a background with the Hex color 195A6E.

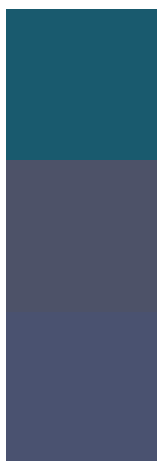


This preview shows how white text looks on a background with the Hex color 195A6E.

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



Original Color
195A6E

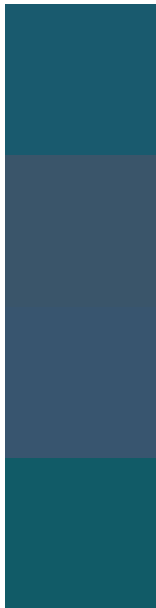
Protanopia
4D5268

Deuteranopia
4A5270



Tritanopia
0D5C63

Trichromacy



Original Color
195A6E

Protanomaly
3A556A

Deuteranomaly
38556F

Tritanomaly
115B67

Monochromacy



Original Color
195A6E

Achromatopsia
494949

Achromatomaly
384F56

CSS Examples

Text

The CSS property to change the color of the text to Hex 195A6E 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 #195A6E looks like.

```
.text, #text, p{  
    color:#195A6E  
}
```

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 #195A6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #195A6E
}
```

Border

The CSS property to change the border of an element to Hex 195A6E 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
#195A6E }
```

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

```
.border{ border-color:#195A6E }
```

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

Here you see how a box with a 4 pixel #195A6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #195A6E; -webkit-box-shadow:4px 4px  
4px 4px #195A6E; box-shadow:4px 4px 4px  
4px #195A6E }
```

Background

The CSS property to change the background color of an element to Hex 195A6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#195A6E }
```

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

```
.background{ background-color:#195A6E }
```

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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