

Converting Colors

Hex(196F5A)

Have a look what the booklet for
Hex(196F5A) contains.

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Color

Hex(196F5A)

Conversions

Conversions Part 1

Format	Color
Hex	196F5A
RGB	25, 111, 90
RGB Percent	10%, 44%, 35%
CMY	0.9020, 0.5647, 0.6471
CMYK	0.77, 0.00, 0.19, 0.56
HSL	165°, 63%, 27%
HSV	165°, 77%, 44%
XYZ	7.9308, 12.3137, 11.6317
YIQ	82.8920, -44.5150, -24.7630

Conversions

Conversions Part 2

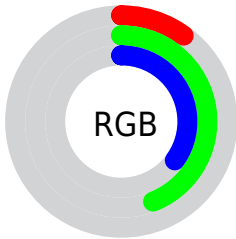
Format	Color
RYB	25, 74, 111
Decimal	1666906
CIELab	41.71, -30.26, 4.60
CIELCh	42, 30.611, 171.352
Yxy	12.3137, 0.2488, 0.3863
Android (android.graphics.Color)	4279856986 (0xFF196F5A)
YUV	82.8920, 3.5042, -50.7713
Hunter-Lab	35.0909, -21.0668, 4.9107

Details

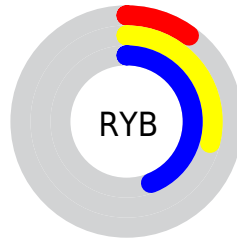
The Hex color **196F5A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6F192E**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **54A38C**, and **003E2C** is the 20% darker color. If you saturate the color by 10%, you get **0E6F57**, and if you desaturate by 10%, it is **246F5D**.

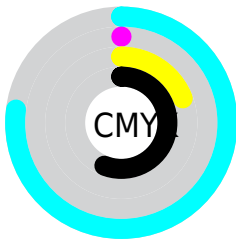
Distribution



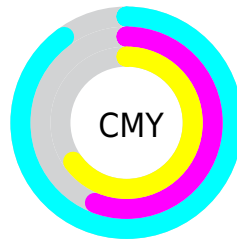
- Red (10%)
- Green (44%)
- Blue (35%)



- Red (10%)
- Yellow (29%)
- Blue (44%)



- Cyan (77%)
- Magenta (0%)
- Yellow (19%)
- Black (56%)



- Cyan (90%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196F5A 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 196F5A by changing the saturation by 10% instead.



196F5A



196F5A

FFFFFF



005643



54A38C



003E2C



6FBFA6



002818



8ADBC1



000C00



A6F7DD



000000



C2FFFA



DFFFFFF



FCFFFF



196F5A



196F5A

■ 0E6F57

■ 246F5D

■ 036F55

■ 2F6F5F

■ 006F54

■ 3A6F62

■ 456F65

■ 516F68

■ 5C6F6A

■ 676F6D

■ 726F70

■ 7D6F72

Harmonies

Analogous

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



436C42



196F5A



006F74

Triad

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



196F5A



595F91



8A553C

Complementary

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



196F5A



6F192E

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.



924F51



196F5A



7B5582

Square

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



196F5A



286794



8E4F6B



785E30

Rectangle

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



196F5A



006E83



8E4F6B



8E5342

Sweetspot

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



196F5A



709189



2E6F19



354A45



C9C9C9



4A4A4A

Same Dimension

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



196F5A



0A9170



195A6F



323837



00785B



00F7BB

Inverse Universe

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



6F192E



910A2B



6F2E19



383234



78001D



F7003C

Previews

White Background



This preview shows how the Hex color 196F5A looks on a white background.

Color Contrast Check

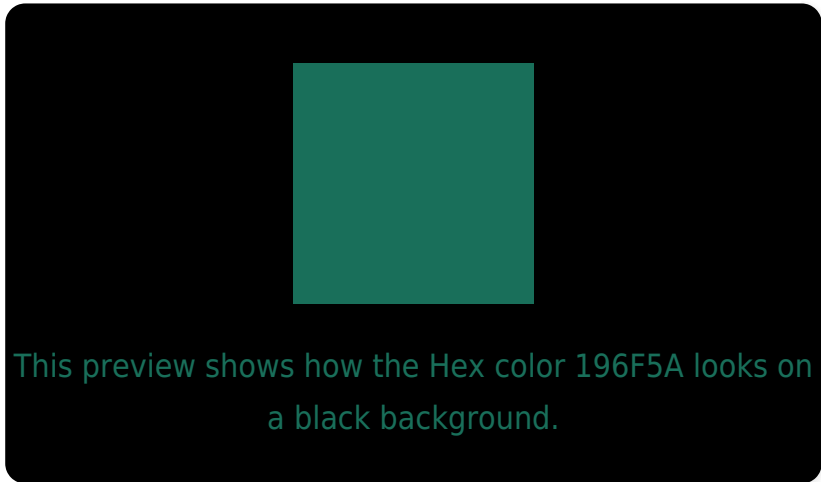
Large Text (above 18pt) WCAG AA ✓ Pass

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

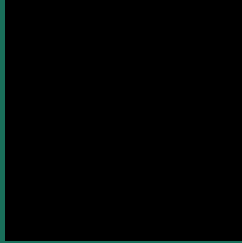
Any Text WCAG AA × Fail

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 196F5A Background



This preview shows how black text looks on a background with the Hex color 196F5A.

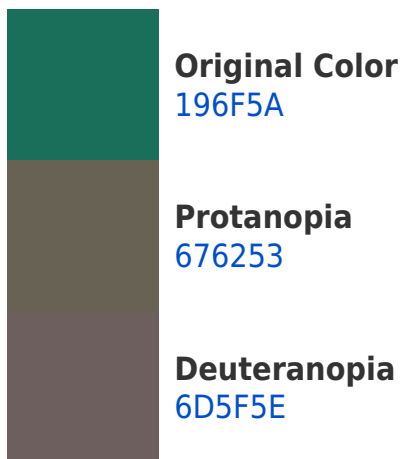


This preview shows how white text looks on a background with the Hex color 196F5A.

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
286B74

Trichromacy



Original Color
196F5A

Protanomaly
4B6756

Deuteranomaly
4E655D

Tritanomaly
236C6B

Monochromacy



Original Color
196F5A

Achromatopsia
535353

Achromatomaly
3E5D56

CSS Examples

Text

The CSS property to change the color of the text to Hex 196F5A 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 #196F5A looks like.

```
.text, #text, p{  
    color:#196F5A  
}
```

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 #196F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196F5A
}
```

Border

The CSS property to change the border of an element to Hex 196F5A 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
#196F5A }
```

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

```
.border{ border-color:#196F5A }
```

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

Here you see how a box with a 4 pixel #196F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196F5A; -webkit-box-shadow:4px 4px  
4px 4px #196F5A; box-shadow:4px 4px 4px  
4px #196F5A }
```

Background

The CSS property to change the background color of an element to Hex 196F5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196F5A }
```

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

```
.background{ background-color:#196F5A }
```

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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