

Converting Colors

Hex(196A52)

Have a look what the booklet for
Hex(196A52) contains.

Hex(196A52)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(196A52)

Conversions

Conversions Part 1

Format	Color
Hex	196A52
RGB	25, 106, 82
RGB Percent	10%, 42%, 32%
CMY	0.9020, 0.5843, 0.6784
CMYK	0.76, 0.00, 0.23, 0.58
HSL	162°, 62%, 26%
HSV	162°, 76%, 42%
XYZ	7.0779, 11.1239, 9.7567
YIQ	79.0450, -40.5720, -24.6360

Conversions

Conversions Part 2

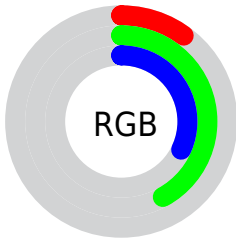
Format	Color
RYB	25, 73, 106
Decimal	1665618
CIELab	39.79, -30.11, 6.69
CIELCh	40, 30.843, 167.474
Yxy	11.1239, 0.2532, 0.3979
Android (android.graphics.Color)	4279855698 (0xFF196A52)
YUV	79.0450, 1.4568, -47.3975
Hunter-Lab	33.3526, -20.4865, 6.0025

Details

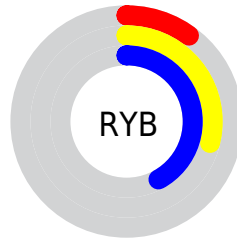
The Hex color **196A52** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A1931**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **529E83**, and **003A25** is the 20% darker color. If you saturate the color by 10%, you get **0E6A4F**, and if you desaturate by 10%, it is **246A55**.

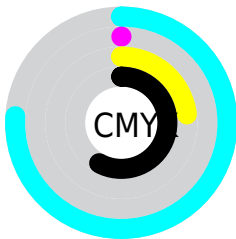
Distribution



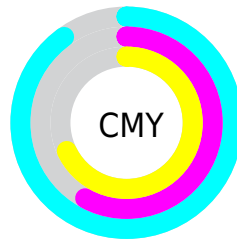
- Red (10%)
- Green (42%)
- Blue (32%)



- Red (10%)
- Yellow (29%)
- Blue (42%)



- Cyan (76%)
- Magenta (0%)
- Yellow (23%)
- Black (58%)



- Cyan (90%)
- Magenta (58%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196A52 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 196A52 by changing the saturation by 10% instead.



196A52



196A52

FFFFFF



00513B



529E83



003A25



6DB99D



002411



88D5B8



000000



A4F2D4



C0FFF0



DCFFFF



FAFFFF



196A52



196A52

■ 0E6A4F

■ 246A55

■ 046A4C

■ 2E6A58

■ 006A4B

■ 396A5B

■ 436A5F

■ 4E6A62

■ 596A65

■ 636A68

■ 6E6A6B

■ 786A6E

Harmonies

Analogous

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



42673B



196A52



006B6C

Triad

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



196A52



4F5B8E



87503A

Complementary

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



196A52



6A1931

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.



8E4950



196A52



725280

Square

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



196A52



14638E



874A69



76592C

Rectangle

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



196A52



006A7C



874A69



8A4D40

Sweetspot

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



196A52



6A8A80



316A19



32453F



C4C4C4



454545

Same Dimension

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



196A52



0B8A64



195A6A



303634



007553



00F5AC

Inverse Universe

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



6A1931



8A0B31



6A2919



363032



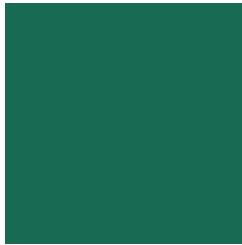
750023



F50049

Previews

White Background



This preview shows how the Hex color 196A52 looks on a white background.

Color Contrast Check

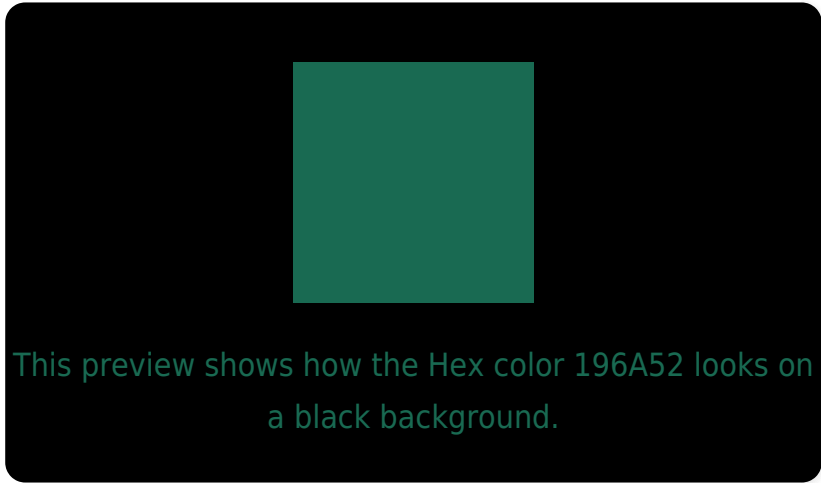
Large Text (above 18pt) WCAG AA ✓ Pass

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

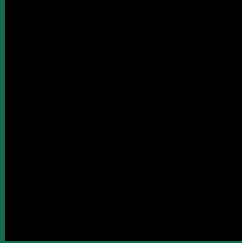
Any Text WCAG AA × Fail

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 196A52 Background



This preview shows how black text looks on a background with the Hex color 196A52.



This preview shows how white text looks on a background with the Hex color 196A52.

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
196A52

Protanopia
635D4C

Deuteranopia
695A55



Tritanopia
28666E

Trichromacy



Original Color
196A52

Protanomaly
48624E

Deuteranomaly
4C6054

Tritanomaly
236764

Monochromacy



Original Color
196A52

Achromatopsia
4F4F4F

Achromatomaly
3B5950

CSS Examples

Text

The CSS property to change the color of the text to Hex 196A52 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 #196A52 looks like.

```
.text, #text, p{  
    color:#196A52  
}
```

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 #196A52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196A52
}
```

Border

The CSS property to change the border of an element to Hex 196A52 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
#196A52 }
```

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

```
.border{ border-color:#196A52 }
```

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

Here you see how a box with a 4 pixel #196A52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196A52; -webkit-box-shadow:4px 4px  
4px 4px #196A52; box-shadow:4px 4px 4px  
4px #196A52 }
```

Background

The CSS property to change the background color of an element to Hex 196A52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196A52 }
```

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

```
.background{ background-color:#196A52 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor