

Converting Colors

Hex(196112)

Have a look what the booklet for
Hex(196112) contains.

Hex(196112)	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(196112)

Conversions

Conversions Part 1

Format	Color
Hex	196112
RGB	25, 97, 18
RGB Percent	10%, 38%, 7%
CMY	0.9020, 0.6196, 0.9294
CMYK	0.74, 0.00, 0.81, 0.62
HSL	115°, 69%, 23%
HSV	115°, 81%, 38%
XYZ	4.7848, 8.7997, 2.0186
YIQ	66.4660, -17.5530, -39.8330

Conversions

Conversions Part 2

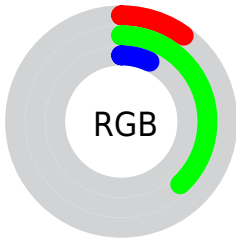
Format	Color
RYB	18, 97, 90
Decimal	1663250
CIELab	35.60, -37.78, 36.03
CIELCh	36, 52.200, 136.359
Yxy	8.7997, 0.3067, 0.5640
Android (android.graphics.Color)	4279853330 (0xFF196112)
YUV	66.4660, -23.8937, -36.3657
Hunter-Lab	29.6643, -23.1210, 16.7305

Details

The Hex color **196112** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5A1261**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **519543**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **106108**, and if you desaturate by 10%, it is **22611C**.

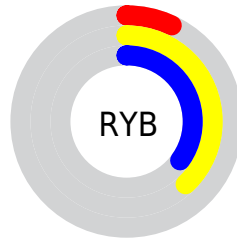
Distribution



Red (10%)

Green (38%)

Blue (7%)



Red (7%)

Yellow (38%)

Blue (35%)

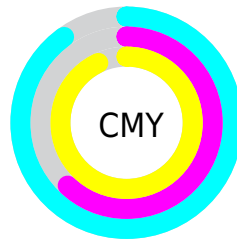


Cyan (74%)

Magenta (0%)

Yellow (81%)

Black (62%)



Cyan (90%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196112 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 196112 by changing the saturation by 10% instead.

 196112

 196112

FFFFFF

 004900

 519543

 003100

 6CAF5C

 001C00

 87CB75

 000000

 A2E890

 BEFFAB

 DBFFC6

 F8FFE3

 196112

 196112

■ 106108

■ 22611C

■ 096100

■ 2B6125

■ 34612F

■ 3C6139

■ 456142

■ 4E614C

■ 576156

■ 606160

■ 696169

Harmonies

Analogous

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



515900



196112



00653F

Triad

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



196112



005EA5



9D253F

Complementary

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



196112



5A1261

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.



942869



196112



1B51A5

Square

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



196112



006590



713D8E



903717

Rectangle

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



196112



00665C



713D8E



9C224D

Sweetspot

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



196112



627D5F



615912



2F402D



BFBFBF



404040

Same Dimension

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



196112



0D7D02



126132



2C302C



0A7000



15F000

Inverse Universe

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



5A1261



72027D



611241



302C30



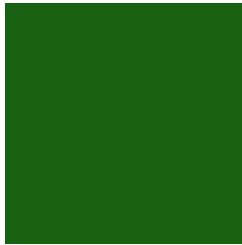
660070



DA00F0

Previews

White Background



This preview shows how the Hex color 196112 looks on a white background.

Color Contrast Check

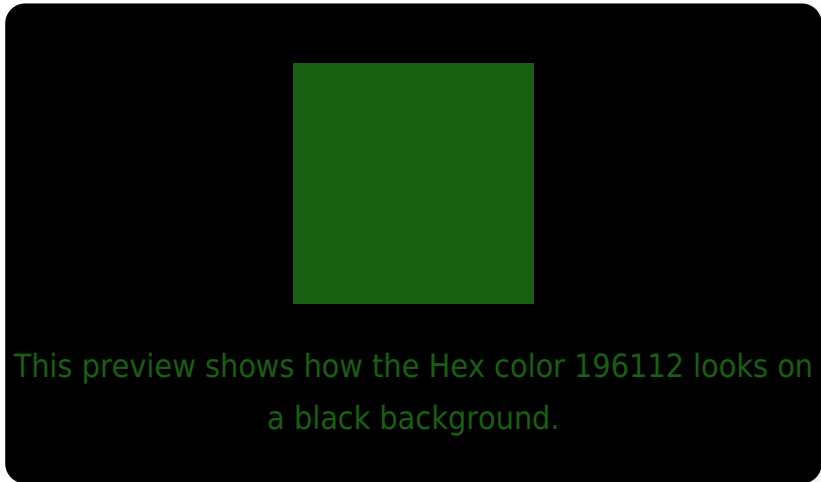
Large Text (above 18pt) WCAG AA ✓ Pass

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 196112 Background



This preview shows how black text looks on a background with the Hex color 196112.



This preview shows how white text looks on a background with the Hex color 196112.

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](#).

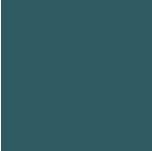
Dichromacy



Original Color
196112

Protanopia
5E540E

Deuteranopia
694F1B



Tritanopia
2E5A62

Trichromacy



Original Color
196112

Protanomaly
45590F

Deuteranomaly
4C5618

Tritanomaly
265D45

Monochromacy



Original Color
196112

Achromatopsia
424242

Achromatomaly
334D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 196112 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 #196112 looks like.

```
.text, #text, p{  
    color:#196112  
}
```

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 #196112 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196112
}
```

Border

The CSS property to change the border of an element to Hex 196112 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
#196112 }
```

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

```
.border{ border-color:#196112 }
```

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

Here you see how a box with a 4 pixel #196112 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196112; -webkit-box-shadow:4px 4px  
4px 4px #196112; box-shadow:4px 4px 4px  
4px #196112 }
```

Background

The CSS property to change the background color of an element to Hex 196112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196112 }
```

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

```
.background{ background-color:#196112 }
```

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