

Converting Colors

Hex(196604)

Have a look what the booklet for
Hex(196604) contains.

Hex(196604)	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(196604)

Conversions

Conversions Part 1

Format	Color
Hex	196604
RGB	25, 102, 4
RGB Percent	10%, 40%, 2%
CMY	0.9020, 0.6000, 0.9843
CMYK	0.75, 0.00, 0.96, 0.60
HSL	107°, 92%, 21%
HSV	107°, 96%, 40%
XYZ	5.1742, 9.7182, 1.7180
YIQ	67.8050, -14.4340, -46.8020

Conversions

Conversions Part 2

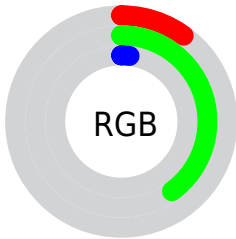
Format	Color
RYB	4, 102, 81
Decimal	1664516
CIELab	37.33, -40.38, 41.79
CIELCh	37, 58.111, 134.018
Yxy	9.7182, 0.3115, 0.5851
Android (android.graphics.Color)	4279854596 (0xFF196604)
YUV	67.8050, -31.4559, -37.5400
Hunter-Lab	31.1740, -24.9275, 18.5544

Details

The Hex color **196604** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **510466**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **539A3C**, and **003600** is the 20% darker color. If you saturate the color by 10%, you get **166600**, and if you desaturate by 10%, it is **21660E**.

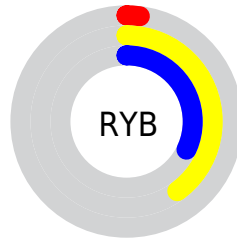
Distribution



Red (10%)

Green (40%)

Blue (2%)



Red (2%)

Yellow (40%)

Blue (32%)

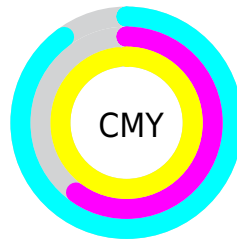


Cyan (75%)

Magenta (0%)

Yellow (96%)

Black (60%)



Cyan (90%)

Magenta (60%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Hex color 196604 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 196604 by changing the saturation by 10% instead.

 196604

 196604

 FFFFF8

 004D00

 539A3C

 003600

 6EB555

 002100

 8AD16E

 000000

 A5ED89

 C2FFA4

 DFFFBF

 FCFFDC

 196604

 196604

■ 166600

■ 21660E

■ 296618

■ 316623

■ 39662D

■ 416637

■ 496641

■ 51664B

■ 596656

■ 616660

Harmonies

Analogous

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



575D00



196604



006B3C

Triad

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



196604



0064B3



A91D44

Complementary

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



196604



510466

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.



9E2473



196604



0056B4

Square

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



196604



006B99



743F9C



9D3517

Rectangle

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



196604



006C5D



743F9C



A81A54

Sweetspot

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



196604



66855E



665104



30422B



C2C2C2



424242

Same Dimension

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



196604



1C8500



046620



2F332E



197300



34F200

Inverse Universe

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



510466



680085



66044A



322E33



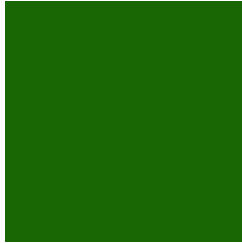
5A0073



BE00F2

Previews

White Background



This preview shows how the Hex color 196604 looks on a white background.

Color Contrast Check

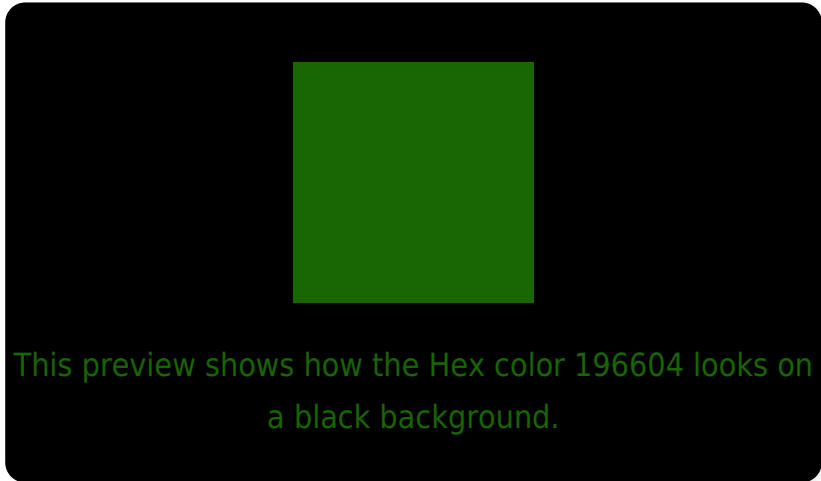
Large Text (above 18pt) WCAG AA ✓ Pass

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

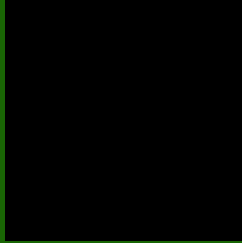
Any Text WCAG AA × Fail

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 196604 Background



This preview shows how black text looks on a background with the Hex color 196604.



This preview shows how white text looks on a background with the Hex color 196604.

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
196604

Protanopia
635800

Deuteranopia
6E5316



Tritanopia
305F66

Trichromacy



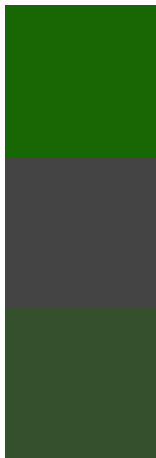
Original Color
196604

Protanomaly
485D01

Deuteranomaly
4F5A0F

Tritanomaly
286242

Monochromacy



Original Color
196604

Achromatopsia
444444

Achromatomaly
34502D

CSS Examples

Text

The CSS property to change the color of the text to Hex 196604 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 #196604 looks like.

```
.text, #text, p{  
    color:#196604  
}
```

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 #196604 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196604
}
```

Border

The CSS property to change the border of an element to Hex 196604 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
#196604 }
```

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

```
.border{ border-color:#196604 }
```

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

Here you see how a box with a 4 pixel #196604 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196604; -webkit-box-shadow:4px 4px  
4px 4px #196604; box-shadow:4px 4px 4px  
4px #196604 }
```

Background

The CSS property to change the background color of an element to Hex 196604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196604 }
```

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

```
.background{ background-color:#196604 }
```

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