

# Converting Colors

Hex(196405)

Have a look what the booklet for  
Hex(196405) contains.

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# Color

Hex(196405)

# Conversions

## Conversions Part 1

Format	Color
Hex	196405
RGB	25, 100, 5
RGB Percent	10%, 39%, 2%
CMY	0.9020, 0.6078, 0.9804
CMYK	0.75, 0.00, 0.95, 0.61
HSL	107°, 90%, 21%
HSV	107°, 95%, 39%
XYZ	4.9855, 9.3320, 1.6821
YIQ	66.7450, -14.2050, -45.4450

# Conversions

## Conversions Part 2

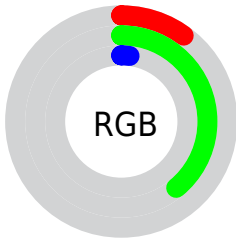
<b>Format</b>	<b>Color</b>
<b>RYB</b>	5, 100, 80
Decimal	1664005
CIELab	36.62, -39.63, 40.91
CIELCh	37, 56.952, 134.090
Yxy	9.3320, 0.3116, 0.5833
Android (android.graphics.Color)	4279854085 (0xFF196405)
YUV	66.7450, -30.4403, -36.6104
Hunter-Lab	30.5483, -24.3284, 18.1191

# Details

The Hex color **196405** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **500564**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **53983C**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **156400**, and if you desaturate by 10%, it is **21640F**.

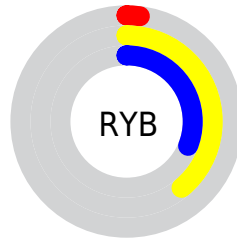
# Distribution



Red (10%)

Green (39%)

Blue (2%)



Red (2%)

Yellow (39%)

Blue (31%)

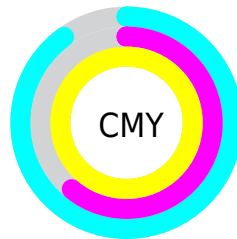


Cyan (75%)

Magenta (0%)

Yellow (95%)

Black (61%)



Cyan (90%)

Magenta (61%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 196405 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 196405 by changing the saturation by 10% instead.



 196405

 196405

 FFFFF8

 004B00

 53983C

 003400

 6EB355

 001F00

 89CF6E

 000000

 A5EB89

 C1FFA3

 DEFFBF

 FBFFDB

 196405

 196405

■ 156400

■ 21640F

■ 296419

■ 316423

■ 39642D

■ 406437

■ 486441

■ 50644B

■ 586455

■ 60645F

# Harmonies

## Analogous

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



555B00



196405



00693B

# Triad

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



196405



0062AF



A51D43

# Complementary

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



196405



500564

# 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.



9A2470



196405



0055B0

# Square

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



196405



006995



723E99



993416

# Rectangle

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



196405



006A5B



723E99



A51B52



# Sweetspot

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



196405



64825C



644F05



30422B



C2C2C2



424242



# Same Dimension

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



196405



1B8200



056420



2F332E



187300



33F200



# Inverse Universe

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



500564



670082



640549



322E33



5B0073

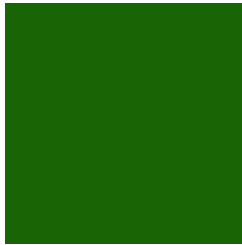


BF00F2



# Previews

## White Background



This preview shows how the Hex color 196405 looks on a white background.

## Color Contrast Check

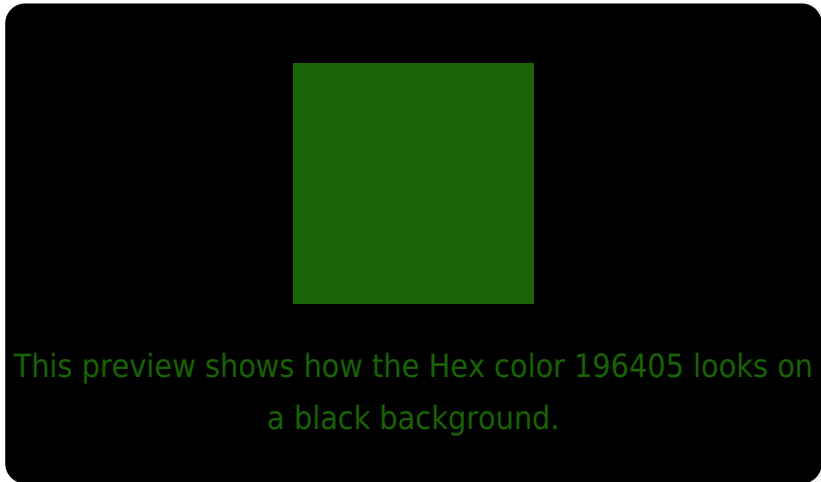
Large Text (above 18pt) WCAG AA ✓ Pass

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

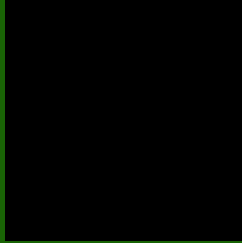
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 196405 Background



This preview shows how black text looks on a background with the Hex color 196405.




This preview shows how white text looks on a background with the Hex color 196405.

# 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**  
305D64

# Trichromacy



**Original Color**  
196405

**Protanomaly**  
475B02

**Deuteranomaly**  
4E5910

**Tritanomaly**  
286041

# Monochromacy



**Original Color**  
196405

**Achromatopsia**  
434343

**Achromatomaly**  
344F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 196405 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 #196405 looks like.

```
.text, #text, p{  
    color:#196405  
}
```

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 #196405 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #196405
}
```

## Border

The CSS property to change the border of an element to Hex 196405 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".

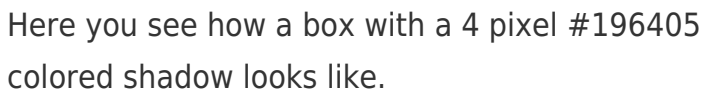
```
.border, #border, table{ border:4px solid
#196405 }
```

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

```
.border{ border-color:#196405 }
```

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

Here you see how a box with a 4 pixel #196405 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #196405; -webkit-box-shadow:4px 4px  
4px 4px #196405; box-shadow:4px 4px 4px  
4px #196405 }
```

# Background

The CSS property to change the background color of an element to Hex 196405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#196405 }
```

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

```
.background{ background-color:#196405 }
```

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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