

# Converting Colors

Hex(796619)

Have a look what the booklet for  
Hex(796619) contains.

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**Color**

**Hex(796619)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796619
RGB	121, 102, 25
RGB Percent	47%, 40%, 10%
CMY	0.5255, 0.6000, 0.9020
CMYK	0.00, 0.16, 0.79, 0.53
HSL	48°, 66%, 29%
HSV	48°, 79%, 47%
XYZ	12.8120, 13.6379, 2.8768
YIQ	98.9030, 36.0410, -19.9190

# Conversions

## Conversions Part 2

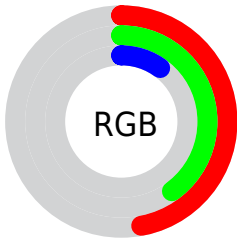
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 121, 25
Decimal	7955993
CIE <sub>Lab</sub>	43.71, -1.00, 43.38
CIE <sub>LCh</sub>	44, 43.390, 91.320
Yxy	13.6379, 0.4369, 0.4650
Android (android.graphics.Color)	4286146073 (0xFF796619)
YUV	98.9030, -36.4342, 19.3791
Hunter-Lab	36.9295, -2.6994, 21.2320

# Details

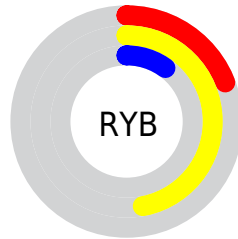
The Hex color **796619** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **192C79**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **B0994B**, and **453800** is the 20% darker color. If you saturate the color by 10%, you get **79640D**, and if you desaturate by 10%, it is **796825**.

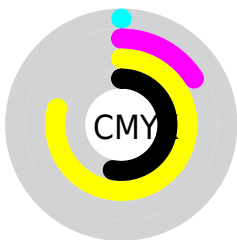
# Distribution



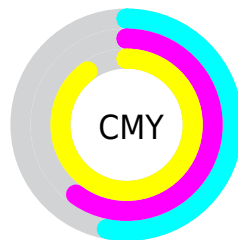
- Red (47%)
- Green (40%)
- Blue (10%)



- Red (19%)
- Yellow (47%)
- Blue (10%)



- Cyan (0%)
- Magenta (16%)
- Yellow (79%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 796619 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 796619 by changing the saturation by 10% instead.



 796619

 796619

FFFFFF

 5E4E00

 B0994B

 453800

 CDB364

 2C2300

 EACF7E

 110D00

 FFEB99

 000000

 FFFFB4

 FFFF00

 FFFF00

 796619

 796619

■ 79640D

■ 796825

■ 796101

■ 796B31

■ 796100

■ 796D3D

■ 797049

■ 797255

■ 797462

■ 79776E

■ 79797A

■ 797C86

# Harmonies

## Analogous

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



955927



796619



557025

# Triad

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



796619



00788C



944E8A

# Complementary

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



796619



192C79

# 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.



6A5DA5



796619



0074A6

# Square

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



796619



007968



096BAF



A74667

# Rectangle

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



796619



357438



096BAF



895395



# Sweetspot

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



796619



9E9778



79192C



4F4B38



CFCFCF



4F4F4F



# Same Dimension

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



796619



9E8008



5C7919



3D3C37



7D6400



FCCA00



# Inverse Universe

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



192C79



08269E



361979



37383D



00197D

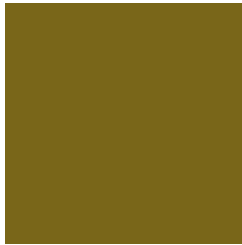


0032FC



# Previews

## White Background



This preview shows how the Hex color 796619 looks on a white background.

## Color Contrast Check

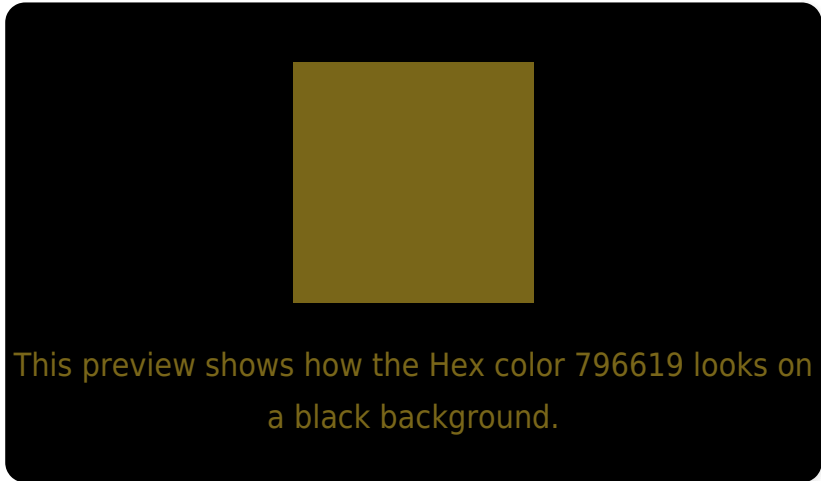
Large Text (above 18pt) WCAG AA ✓ Pass

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

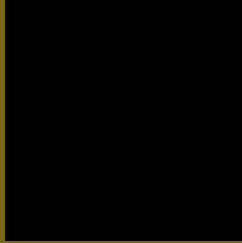
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 796619 Background



This preview shows how black text looks on a background with the Hex color 796619.



This preview shows how white text looks on a background with the Hex color 796619.

# 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**  
796619

**Protanopia**  
746819

**Deuteranopia**  
82621B



**Tritanopia**  
7E5F66

# Trichromacy



**Original Color**  
796619

**Protanomaly**  
766719

**Deuteranomaly**  
7F631A

**Tritanomaly**  
7C624A

# Monochromacy



**Original Color**  
796619

**Achromatopsia**  
636363

**Achromatomaly**  
6B6448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 796619 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 #796619 looks like.

```
.text, #text, p{  
    color:#796619  
}
```

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 #796619 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796619
}
```

## Border

The CSS property to change the border of an element to Hex 796619 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
#796619 }
```

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

```
.border{ border-color:#796619 }
```

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

Here you see how a box with a 4 pixel #796619 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796619; -webkit-box-shadow:4px 4px  
4px 4px #796619; box-shadow:4px 4px 4px  
4px #796619 }
```

# Background

The CSS property to change the background color of an element to Hex 796619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796619 }
```

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

```
.background{ background-color:#796619 }
```

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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