

# Converting Colors

Hex(796223)

Have a look what the booklet for  
Hex(796223) contains.

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**Color**

**Hex(796223)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	796223
RGB	121, 98, 35
RGB Percent	47%, 38%, 14%
CMY	0.5255, 0.6157, 0.8627
CMYK	0.00, 0.19, 0.71, 0.53
HSL	44°, 55%, 31%
HSV	44°, 71%, 47%
XYZ	12.5562, 12.9217, 3.4225
YIQ	97.6950, 33.9310, -14.7170

# Conversions

## Conversions Part 2

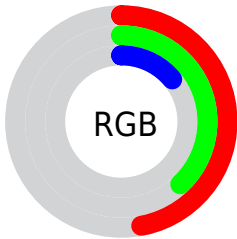
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 121, 35
Decimal	7954979
CIELab	42.64, 1.87, 37.99
CIELCh	43, 38.040, 87.183
Yxy	12.9217, 0.4345, 0.4471
Android (android.graphics.Color)	4286145059 (0xFF796223)
YUV	97.6950, -30.9086, 20.4385
Hunter-Lab	35.9467, -0.5566, 19.5178

# Details

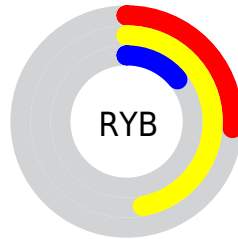
The Hex color **796223** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **233A79**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **B09453**, and **463400** is the 20% darker color. If you saturate the color by 10%, you get **795F17**, and if you desaturate by 10%, it is **79652F**.

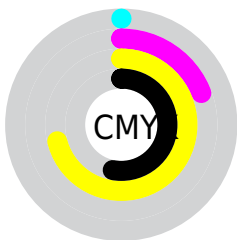
# Distribution



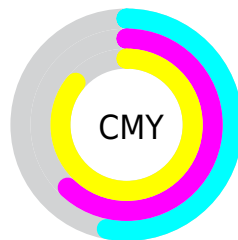
- Red (47%)
- Green (38%)
- Blue (14%)



- Red (26%)
- Yellow (47%)
- Blue (14%)



- Cyan (0%)
- Magenta (19%)
- Yellow (71%)
- Black (53%)



- Cyan (53%)
- Magenta (62%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 796223 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 796223 by changing the saturation by 10% instead.



 796223

 796223

FFFFFF

 5F4A09

 B09453

 463400

 CCAF6C

 2C1F00

 E9CA86

 120800

 FFE6A1

 000000

 FFFFBC

 FFFFD8

 FFFFF5

 796223

 796223

■ 795F17

■ 79652F

■ 795C0B

■ 79683B

■ 795900

■ 796C47

■ 796F53

■ 79725F

■ 79756C

■ 797978

■ 797C84

■ 797F90

# Harmonies

## Analogous

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



915630



796223



5A6B2A

# Triad

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



796223



007480



885187

# Complementary

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



796223



233A79

# 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.



615E9D



796223



007099

# Square

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



796223



007461



1669A3



9C4969

# Rectangle

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



796223



417038



1669A3



7E5590



# Sweetspot

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



796223



9E957D



79233B



4F4A3B



CFCFCF



4F4F4F



# Same Dimension

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



796223



9E7A18



667923



3D3C37



7D5C00



FCB900



# Inverse Universe

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



233A79



183C9E



362379



37393D



00217D



0044FC



# Previews

## White Background



This preview shows how the Hex color 796223 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

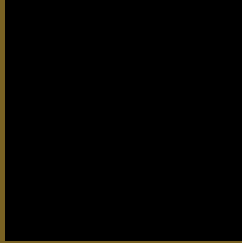
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 796223 Background



This preview shows how black text looks on a background with the Hex color 796223.



This preview shows how white text looks on a background with the Hex color 796223.

# 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**

796223

**Protanopia**

716524

**Deuteranopia**

7E6024



**Tritanopia**  
7E5C63

# Trichromacy



**Original Color**  
796223

**Protanomaly**  
746424

**Deuteranomaly**  
7C6124

**Tritanomaly**  
7C5E4C

# Monochromacy



**Original Color**  
796223

**Achromatopsia**  
626262

**Achromatomaly**  
6A624B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 796223 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 #796223 looks like.

```
.text, #text, p{  
    color:#796223  
}
```

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 #796223 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #796223 }  
}
```

## Border

The CSS property to change the border of an element to Hex 796223 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 #796223 }  
}
```

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

```
.border{ border-color:#796223 }
```

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

Here you see how a box with a 4 pixel #796223 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #796223; -webkit-box-shadow:4px 4px  
4px 4px #796223; box-shadow:4px 4px 4px  
4px #796223 }
```

# Background

The CSS property to change the background color of an element to Hex 796223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#796223 }
```

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

```
.background{ background-color:#796223 }
```

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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