

# Converting Colors

Hex(776326)

Have a look what the booklet for  
Hex(776326) contains.

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**Color**

**Hex(776326)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	776326
RGB	119, 99, 38
RGB Percent	47%, 39%, 15%
CMY	0.5333, 0.6118, 0.8510
CMYK	0.00, 0.17, 0.68, 0.53
HSL	45°, 52%, 31%
HSV	45°, 68%, 47%
XYZ	12.4194, 12.9856, 3.6856
YIQ	98.0260, 31.5010, -14.7310

# Conversions

## Conversions Part 2

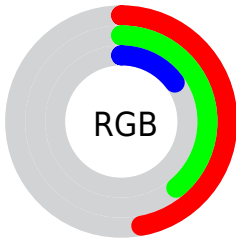
<b>Format</b>	<b>Color</b>
<b>RYB</b>	65, 119, 38
Decimal	7824166
CIELab	42.74, 0.53, 36.58
CIELCh	43, 36.586, 89.176
Yxy	12.9856, 0.4269, 0.4464
Android (android.graphics.Color)	4286014246 (0xFF776326)
YUV	98.0260, -29.5928, 18.3942
Hunter-Lab	36.0355, -1.5430, 19.1608

# Details

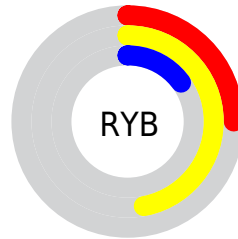
The Hex color **776326** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **263A77**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **AE9656**, and **443500** is the 20% darker color. If you saturate the color by 10%, you get **77601A**, and if you desaturate by 10%, it is **776632**.

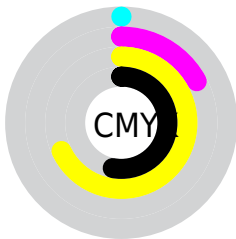
# Distribution



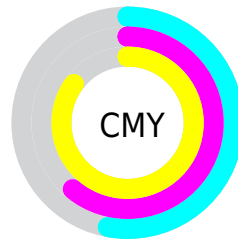
- Red (47%)
- Green (39%)
- Blue (15%)



- Red (25%)
- Yellow (47%)
- Blue (15%)



- Cyan (0%)
- Magenta (17%)
- Yellow (68%)
- Black (53%)



- Cyan (53%)
- Magenta (61%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 776326 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 776326 by changing the saturation by 10% instead.



 776326

 776326

FFFFFF

 5D4B0D

 AE9656

 443500

 CAB06F

 2B2000

 E7CB89

 100900

 FFE8A4

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 776326

 776326

■ 77601A

■ 776632

■ 775D0E

■ 77693E

■ 775A02

■ 776C4A

■ 775A00

■ 776F56

■ 777262

■ 77756D

■ 777879

■ 777B85

■ 777D91

# Harmonies

## Analogous

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



8F5831



776326



596C2E

# Triad

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



776326



007481



895284

# Complementary

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



776326



263A77

# 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.



655D9A



776326



007098

# Square

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



776326



007463



2768A1



9B4B67

# Rectangle

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



776326



40703C



2768A1



7F558D



# Sweetspot

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



776326



9C947C



77263A



4F4A3C



CFCFCF



4F4F4F



# Same Dimension

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



776326



9C7C1C



637726



3B3935



7A5C00



FABC00



# Inverse Universe

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



263A77



1C3B9C



3A2677



35363B



001E7A



003EFA



# Previews

## White Background



This preview shows how the Hex color 776326 looks on a white background.

## Color Contrast Check

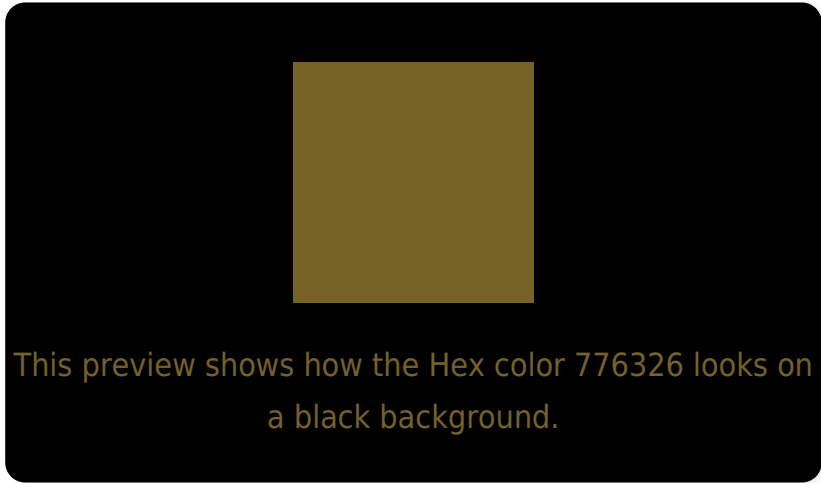
Large Text (above 18pt) WCAG AA ✓ Pass

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 776326 Background



This preview shows how black text looks on a background with the Hex color 776326.



This preview shows how white text looks on a background with the Hex color 776326.

# 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**  
776326

**Protanopia**  
716527

**Deuteranopia**  
7E6027



**Tritanopia**  
7C5D64

# Trichromacy



**Original Color**  
776326

**Protanomaly**  
736427

**Deuteranomaly**  
7B6127

**Tritanomaly**  
7A5F4D

# Monochromacy



**Original Color**  
776326

**Achromatopsia**  
626262

**Achromatomaly**  
6A624C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 776326 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 #776326 looks like.

```
.text, #text, p{  
    color:#776326  
}
```

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 #776326 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #776326
}
```

## Border

The CSS property to change the border of an element to Hex 776326 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
#776326 }
```

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

```
.border{ border-color:#776326 }
```

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

Here you see how a box with a 4 pixel #776326 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #776326; -webkit-box-shadow:4px 4px  
4px 4px #776326; box-shadow:4px 4px 4px  
4px #776326 }
```

# Background

The CSS property to change the background color of an element to Hex 776326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#776326 }
```

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

```
.background{ background-color:#776326 }
```

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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