

# Converting Colors

Hex(767226)

Have a look what the booklet for  
Hex(767226) contains.

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**Color**

**Hex(767226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	767226
RGB	118, 114, 38
RGB Percent	46%, 45%, 15%
CMY	0.5373, 0.5529, 0.8510
CMYK	0.00, 0.03, 0.68, 0.54
HSL	57°, 51%, 31%
HSV	57°, 68%, 46%
XYZ	13.8384, 16.0261, 4.1977
YIQ	106.5320, 26.7800, -22.7880

# Conversions

## Conversions Part 2

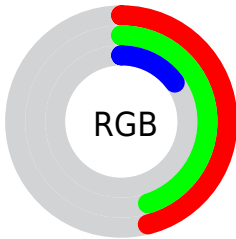
<b>Format</b>	<b>Color</b>
<b>RYB</b>	42, 118, 38
Decimal	7762470
CIELab	47.01, -8.55, 41.07
CIELCh	47, 41.953, 101.761
Yxy	16.0261, 0.4063, 0.4705
Android (android.graphics.Color)	4285952550 (0xFF767226)
YUV	106.5320, -33.7863, 10.0574
Hunter-Lab	40.0326, -8.3537, 21.8059

# Details

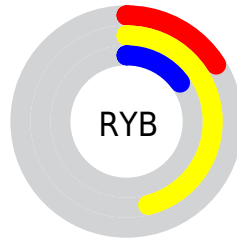
The Hex color **767226** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **262A76**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **ACA657**, and **434200** is the 20% darker color. If you saturate the color by 10%, you get **76711A**, and if you desaturate by 10%, it is **767332**.

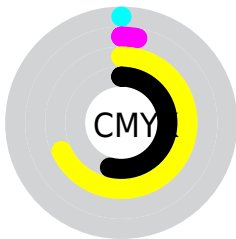
# Distribution



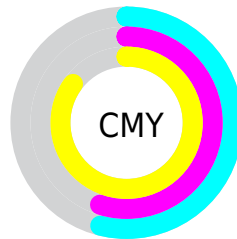
- Red (46%)
- Green (45%)
- Blue (15%)



- Red (16%)
- Yellow (46%)
- Blue (15%)



- Cyan (0%)
- Magenta (3%)
- Yellow (68%)
- Black (54%)



- Cyan (54%)
- Magenta (55%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767226 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 767226 by changing the saturation by 10% instead.



 767226

 767226

FFFFFF

 5C5A0B

 ACA657

 434200

 C8C171

 2A2C00

 E5DD8B

 101900

 FFF9A6

 000000

 FFFFC1

 FFFFDE

 FFFFFB

 767226

 767226

■ 76711A

■ 767332

■ 76710E

■ 76733E

■ 767003

■ 767449

■ 767000

■ 767455

■ 767561

■ 76766D

■ 767679

■ 767784

■ 767790

# Harmonies

## Analogous

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



95662B



767226



4F7B38

# Triad

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



767226



007F9E



A55486

# Complementary

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



767226



262A76

# 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.



8460A4



767226



0079B2

# Square

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



767226



00817D



4A6FB5



B15063

# Rectangle

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



767226



2B7E4D



4A6FB5



9C5791



# Sweetspot

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



767226



99977A



76262A



4D4C3A



CCCCCC



4D4D4D



# Same Dimension

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



767226



99931D



527626



3B3A35



7A7400



FAED00



# Inverse Universe

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



262A76



1D2399



4A2676



35353B



00067A



000CFA



# Previews

## White Background



This preview shows how the Hex color 767226 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

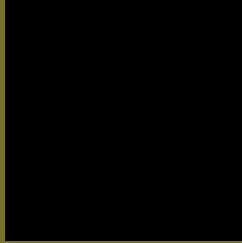
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 767226 Background



This preview shows how black text looks on a background with the Hex color 767226.



This preview shows how white text looks on a background with the Hex color 767226.

# 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**


767226

**Protanopia**

7D7025

**Deuteranopia**

8B6A29



**Tritanopia**  
7D6B73

# Trichromacy



**Original Color**  
767226

**Protanomaly**  
7A7125

**Deuteranomaly**  
836D28

**Tritanomaly**  
7A6E57

# Monochromacy



**Original Color**  
767226

**Achromatopsia**  
6B6B6B

**Achromatomaly**  
6F6E52

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767226 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 #767226 looks like.

```
.text, #text, p{  
    color:#767226  
}
```

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 #767226 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767226  
}
```

## Border

The CSS property to change the border of an element to Hex 767226 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  
#767226 }
```

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

```
.border{ border-color:#767226 }
```

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

Here you see how a box with a 4 pixel #767226 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767226; -webkit-box-shadow:4px 4px  
4px 4px #767226; box-shadow:4px 4px 4px  
4px #767226 }
```

# Background

The CSS property to change the background color of an element to Hex 767226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767226 }
```

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

```
.background{ background-color:#767226 }
```

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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