

Converting Colors

Hex(736426)

Have a look what the booklet for
Hex(736426) contains.

Hex(736426)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(736426)

Conversions

Conversions Part 1

Format	Color
Hex	736426
RGB	115, 100, 38
RGB Percent	45%, 39%, 15%
CMY	0.5490, 0.6078, 0.8510
CMYK	0.00, 0.13, 0.67, 0.55
HSL	48°, 50%, 30%
HSV	48°, 67%, 45%
XYZ	11.9773, 12.8991, 3.6922
YIQ	97.4170, 28.8420, -16.1020

Conversions

Conversions Part 2

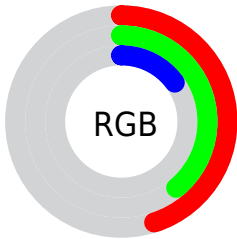
Format	Color
RYB	57, 115, 38
Decimal	7562278
CIELab	42.61, -1.96, 36.32
CIELCh	43, 36.371, 93.087
Yxy	12.8991, 0.4192, 0.4515
Android (android.graphics.Color)	4285752358 (0xFF736426)
YUV	97.4170, -29.2926, 15.4203
Hunter-Lab	35.9153, -3.3247, 19.0455

Details

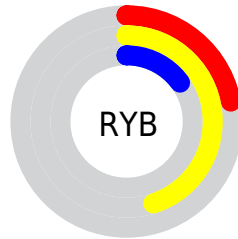
The Hex color **736426** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **263573**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A99756**, and **403600** is the 20% darker color. If you saturate the color by 10%, you get **73621B**, and if you desaturate by 10%, it is **736631**.

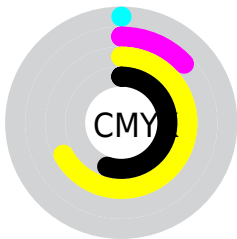
Distribution



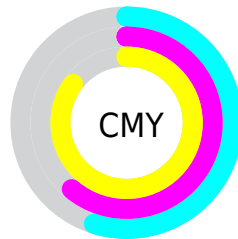
- Red (45%)
- Green (39%)
- Blue (15%)



- Red (22%)
- Yellow (45%)
- Blue (15%)



- Cyan (0%)
- Magenta (13%)
- Yellow (67%)
- Black (55%)



- Cyan (55%)
- Magenta (61%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736426 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 736426 by changing the saturation by 10% instead.

 736426

 736426

FFFFFF

 594C0D

 A99756

 403600

 C5B16F

 282100

 E2CD89

 0A0B00

 FFE9A4

 000000

 FFFFBF

 FFFFDB

 FFFFF8

 736426

 736426

■ 73621B

■ 736631

■ 73600F

■ 73683D

■ 735D03

■ 736B49

■ 735D00

■ 736D54

■ 736F60

■ 73716B

■ 737477

■ 737682

■ 73788E

Harmonies

Analogous

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



8B592F



736426



546C30

Triad

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



736426



007384



8C5080

Complementary

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



736426



263573

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.



6B5B97



736426



006F9A

Square

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



736426



007467



3267A0



9C4B63

Rectangle

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



736426



3B703F



3267A0



835489

Sweetspot

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



736426



969178



732635



4D493A



CCCCCC



4D4D4D

Same Dimension

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



736426



967F1E



5C7326



3B3A35



7A6300



FAC900

Inverse Universe

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



263573



1E3696



3D2673



35363B



00187A



0031FA

Previews

White Background



This preview shows how the Hex color 736426 looks on a white background.

Color Contrast Check

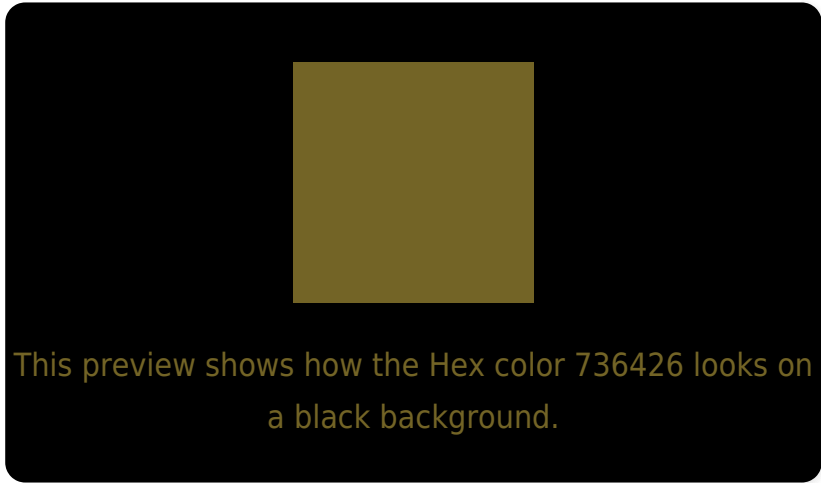
Large Text (above 18pt) WCAG AA ✓ Pass

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

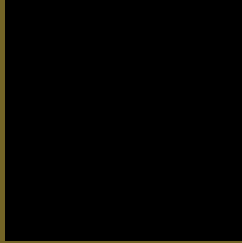
Any Text WCAG AA × Fail

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 736426 Background



This preview shows how black text looks on a background with the Hex color 736426.



This preview shows how white text looks on a background with the Hex color 736426.

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
736426

Protanopia
706526

Deuteranopia
7D6027



Tritanopia
785E65

Trichromacy



Original Color
736426

Protanomaly
716526

Deuteranomaly
796127

Tritanomaly
76604E

Monochromacy



Original Color
736426

Achromatopsia
616161

Achromatomaly
68624C

CSS Examples

Text

The CSS property to change the color of the text to Hex 736426 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 #736426 looks like.

```
.text, #text, p{  
    color:#736426  
}
```

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 #736426 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736426
}
```

Border

The CSS property to change the border of an element to Hex 736426 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
#736426 }
```

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

```
.border{ border-color:#736426 }
```

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

Here you see how a box with a 4 pixel #736426 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736426; -webkit-box-shadow:4px 4px  
4px 4px #736426; box-shadow:4px 4px 4px  
4px #736426 }
```

Background

The CSS property to change the background color of an element to Hex 736426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736426 }
```

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

```
.background{ background-color:#736426 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor