

Converting Colors

Hex(736940)

Have a look what the booklet for
Hex(736940) contains.

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Color

Hex(736940)

Conversions

Conversions Part 1

Format	Color
Hex	736940
RGB	115, 105, 64
RGB Percent	45%, 41%, 25%
CMY	0.5490, 0.5882, 0.7490
CMYK	0.00, 0.09, 0.44, 0.55
HSL	48°, 28%, 35%
HSV	48°, 44%, 45%
XYZ	13.0472, 14.1182, 6.8879
YIQ	103.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

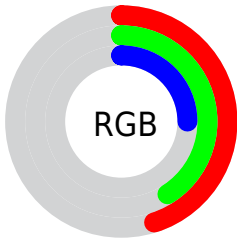
Format	Color
RYB	76, 115, 64
Decimal	7563584
CIELab	44.40, -2.43, 24.45
CIELCh	44, 24.571, 95.667
Yxy	14.1182, 0.3831, 0.4146
Android (android.graphics.Color)	4285753664 (0xFF736940)
YUV	103.3160, -19.3828, 10.2469
Hunter-Lab	37.5741, -3.7725, 15.4331

Details

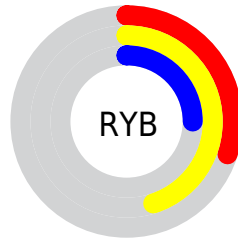
The Hex color **736940** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **404A73**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **A89C70**, and **413A14** is the 20% darker color. If you saturate the color by 10%, you get **736735**, and if you desaturate by 10%, it is **736B4C**.

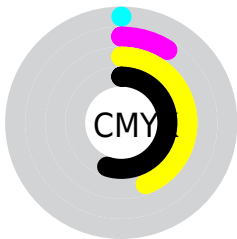
Distribution



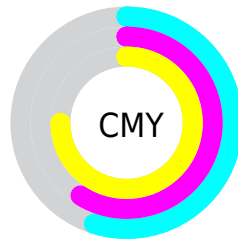
- Red (45%)
- Green (41%)
- Blue (25%)



- Red (30%)
- Yellow (45%)
- Blue (25%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (55%)



- Cyan (55%)
- Magenta (59%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736940 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 736940 by changing the saturation by 10% instead.

 736940

 736940

FFFFFF

 5A5129


 A89C70

 413A14

 C4B78A

 2B2500

 E0D2A5

 111000

 FDEFC0

 000000

 FFFFDC

 FFFFF8

 736940

 736940

 736735

 736B4C

■ 736429

■ 736E57

■ 73621D

■ 737062

■ 736012

■ 73726E

■ 735E06

■ 73747A

■ 735C00

■ 737785

■ 737991

■ 737B9C

■ 737DA8

Harmonies

Analogous

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



856244



736940



5D6F47

Triad

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



736940



1D7380



865C7A

Complementary

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



736940



404A73

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.



71628A



736940



32708E

Square

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



736940



2B746C



536A91



905966

Rectangle

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



736940



4D7251



536A91



805E80

Sweetspot

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



736940



969383



73404A



4D4A40



CCCCCC



4D4D4D

Same Dimension

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



736940



968747



647340



3B3A35



7A6200



FAC900

Inverse Universe

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



404A73



475696



4F4073



35363B



00187A



0031FA

Previews

White Background



This preview shows how the Hex color 736940 looks on a white background.

Color Contrast Check

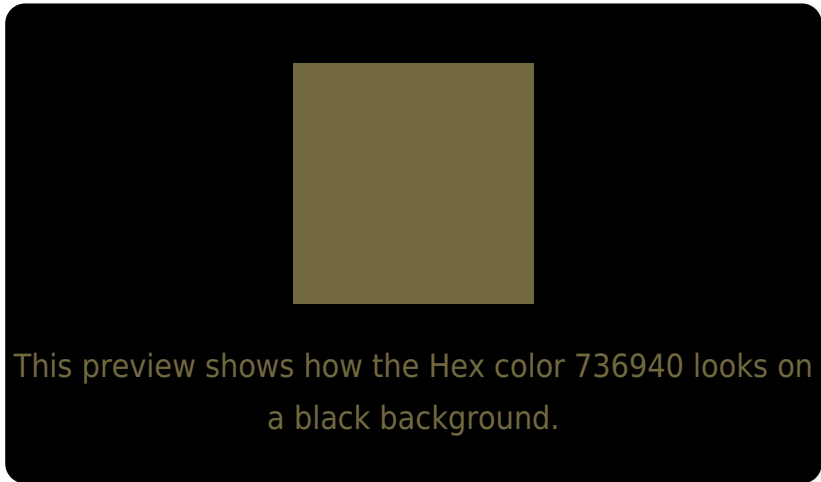
Large Text (above 18pt) WCAG AA ✓ Pass

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

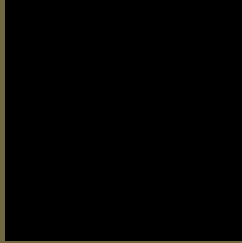
Any Text WCAG AA × Fail

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 736940 Background



This preview shows how black text looks on a background with the Hex color 736940.



This preview shows how white text looks on a background with the Hex color 736940.

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
736940

Protanopia
736940

Deuteranopia
7F6441



Tritanopia
78646C

Trichromacy



Original Color
736940

Protanomaly
736940

Deuteranomaly
7B6641

Tritanomaly
76665C

Monochromacy



Original Color
736940

Achromatopsia
676767

Achromatomaly
6B6859

CSS Examples

Text

The CSS property to change the color of the text to Hex 736940 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 #736940 looks like.

```
.text, #text, p{  
    color:#736940  
}
```

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 #736940 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736940
}
```

Border

The CSS property to change the border of an element to Hex 736940 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
#736940 }
```

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

```
.border{ border-color:#736940 }
```

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

Here you see how a box with a 4 pixel #736940 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736940; -webkit-box-shadow:4px 4px  
4px 4px #736940; box-shadow:4px 4px 4px  
4px #736940 }
```

Background

The CSS property to change the background color of an element to Hex 736940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736940 }
```

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

```
.background{ background-color:#736940 }
```

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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