

Converting Colors

Hex(736230)

Have a look what the booklet for
Hex(736230) contains.

Hex(736230)	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(736230)

Conversions

Conversions Part 1

Format	Color
Hex	736230
RGB	115, 98, 48
RGB Percent	45%, 38%, 19%
CMY	0.5490, 0.6157, 0.8118
CMYK	0.00, 0.15, 0.58, 0.55
HSL	45°, 41%, 32%
HSV	45°, 58%, 45%
XYZ	11.9714, 12.5936, 4.5962
YIQ	97.3830, 26.1820, -11.9460

Conversions

Conversions Part 2

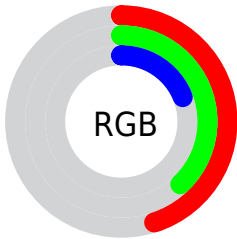
Format	Color
RYB	71, 115, 48
Decimal	7561776
CIELab	42.14, 0.01, 30.61
CIELCh	42, 30.612, 89.979
Yxy	12.5936, 0.4105, 0.4319
Android (android.graphics.Color)	4285751856 (0xFF736230)
YUV	97.3830, -24.3458, 15.4501
Hunter-Lab	35.4875, -1.8875, 17.1623

Details

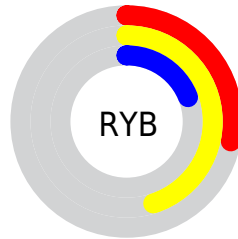
The Hex color **736230** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **304173**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A99460**, and **413401** is the 20% darker color. If you saturate the color by 10%, you get **735F25**, and if you desaturate by 10%, it is **73653C**.

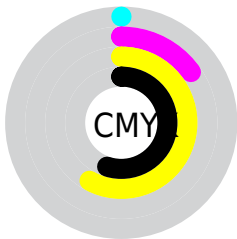
Distribution



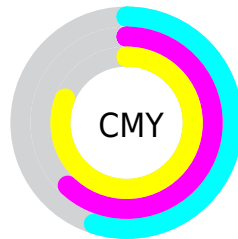
- Red (45%)
- Green (38%)
- Blue (19%)



- Red (28%)
- Yellow (45%)
- Blue (19%)



- Cyan (0%)
- Magenta (15%)
- Yellow (58%)
- Black (55%)



- Cyan (55%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 736230 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 736230 by changing the saturation by 10% instead.



736230



736230

FFFFFF



594A19



A99460



413401



C5AF79



291F00



E1CA93



0C0700



FEE6AE



000000



FFFFC9



FFFFE6



736230



736230



735F25



73653C

■ 735C19

■ 736847

■ 73590D

■ 736B53

■ 735602

■ 736E5E

■ 735600

■ 73716A

■ 737475

■ 737681

■ 73798C

■ 737C98

Harmonies

Analogous

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



875938



736230



596936

Triad

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



736230



00707C



83547D

Complementary

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



736230



304173

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.



665D8F



736230



006D8F

Square

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



736230



027063



3A6696



924F64

Rectangle

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



736230



456D42



3A6696



7B5784

Sweetspot

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



736230



96907D



733042



4D493D



CCCCCC



4D4D4D

Same Dimension

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



736230



967C2D



637330



3B3935



7A5B00



FABA00

Inverse Universe

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



304173



2D4896



403073



35363B



001F7A



003FFA

Previews

White Background



This preview shows how the Hex color 736230 looks on a white background.

Color Contrast Check

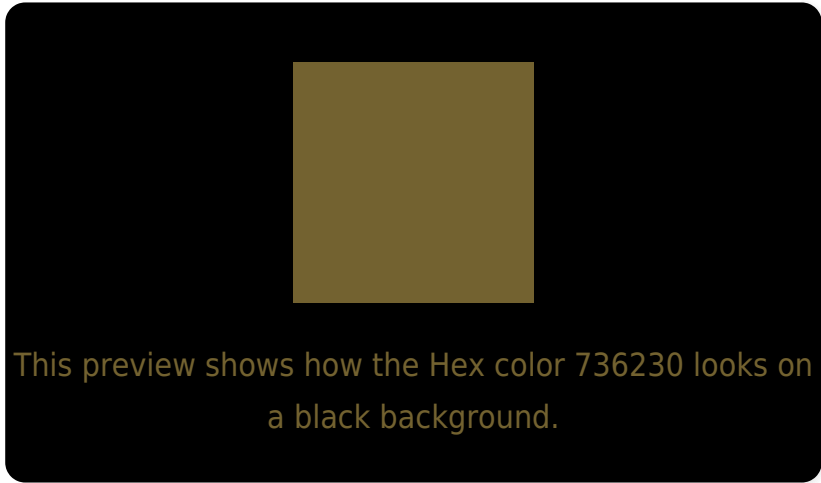
Large Text (above 18pt) WCAG AA ✓ Pass

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

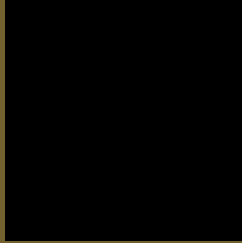
Any Text WCAG AA × Fail

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 736230 Background



This preview shows how black text looks on a background with the Hex color 736230.



This preview shows how white text looks on a background with the Hex color 736230.

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


736230

Protanopia

6E6431

Deuteranopia

7B5F31



Tritanopia
775C63

Trichromacy



Original Color
736230

Protanomaly
706331

Deuteranomaly
786031

Tritanomaly
765E50

Monochromacy



Original Color
736230

Achromatopsia
616161

Achromatomaly
68614F

CSS Examples

Text

The CSS property to change the color of the text to Hex 736230 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 #736230 looks like.

```
.text, #text, p{  
    color:#736230  
}
```

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 #736230 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #736230
}
```

Border

The CSS property to change the border of an element to Hex 736230 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
#736230 }
```

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

```
.border{ border-color:#736230 }
```

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

Here you see how a box with a 4 pixel #736230 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #736230; -webkit-box-shadow:4px 4px  
4px 4px #736230; box-shadow:4px 4px 4px  
4px #736230 }
```

Background

The CSS property to change the background color of an element to Hex 736230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#736230 }
```

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

```
.background{ background-color:#736230 }
```

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