

# Converting Colors

Hex(734200)

Have a look what the booklet for  
Hex(734200) contains.

<b>Hex(734200)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(734200)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	734200
RGB	115, 66, 0
RGB Percent	45%, 26%, 0%
CMY	0.5490, 0.7412, 1.0000
CMYK	0.00, 0.43, 1.00, 0.55
HSL	34°, 100%, 23%
HSV	34°, 100%, 45%
XYZ	9.0184, 7.5413, 0.9803
YIQ	73.1270, 50.3900, -10.1380

# Conversions

## Conversions Part 2

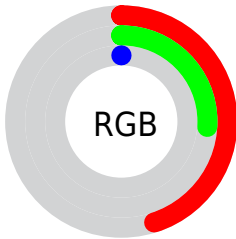
<b>Format</b>	<b>Color</b>
<b>RYB</b>	85, 115, 0
Decimal	7553536
CIELab	33.01, 16.81, 42.89
CIELCh	33, 46.067, 68.601
Yxy	7.5413, 0.5142, 0.4299
Android (android.graphics.Color)	4285743616 (0xFF734200)
YUV	73.1270, -36.0516, 36.7226
Hunter-Lab	27.4614, 10.5629, 17.1065

# Details

The Hex color **734200** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **003173**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **AC7233**, and **3D1700** is the 20% darker color. If you saturate the color by 10%, you get **734200**, and if you desaturate by 10%, it is **73470B**.

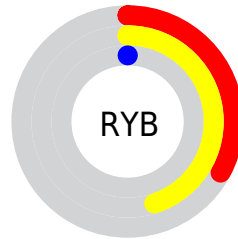
# Distribution



Red (45%)

Green (26%)

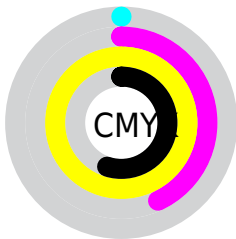
Blue (0%)



Red (33%)

Yellow (45%)

Blue (0%)

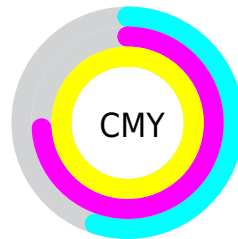


Cyan (0%)

Magenta (43%)

Yellow (100%)

Black (55%)



Cyan (55%)

Magenta (74%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 734200 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 734200 by changing the saturation by 10% instead.



 734200

 734200

 FFFFED

 582C00

 AC7233

 3D1700

 C98C4C

 250000

 E7A665

 000000

 FFC17F

 FFDD99

 FFFAB4

 FFFF00

 734200

 73470B

 734C17

 735123

 73562E

 735B3A

 735F45

 736451

 73695C

 736E68

# Harmonies

## Analogous

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



883122



734200



554F00

# Triad

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



734200



005E57



5C3F87

# Complementary

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



734200



003173

# 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.



004F96



734200



005D7A

# Square

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



734200



005C31



005991



812D69

# Rectangle

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



734200



3C5600



005991



48458E



# Sweetspot

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



734200



968369



730032



4D4131



CCCCCC



4D4D4D



# Same Dimension

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



734200



965600



6B7300



3B3835



7A4600



FA8F00



# Inverse Universe

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



003173



004096



080073



35373B



00347A

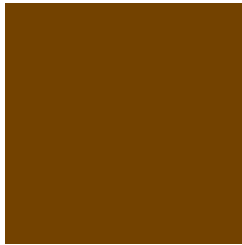


006AFA



# Previews

## White Background



This preview shows how the Hex color 734200 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

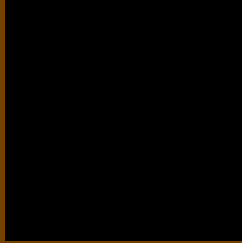
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 734200 Background



This preview shows how black text looks on a background with the Hex color 734200.



This preview shows how white text looks on a background with the Hex color 734200.

# 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**  
734200

**Protanopia**  
584F09

**Deuteranopia**  
634A00



**Tritanopia**  
753D42

# Trichromacy



**Original Color**  
734200

**Protanomaly**  
624A06

**Deuteranomaly**  
694700

**Tritanomaly**  
743F2A

# Monochromacy



**Original Color**  
734200

**Achromatopsia**  
494949

**Achromatomaly**  
58462E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 734200 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 #734200 looks like.

```
.text, #text, p{  
    color:#734200  
}
```

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 #734200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #734200
}
```

## Border

The CSS property to change the border of an element to Hex 734200 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
#734200 }
```

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

```
.border{ border-color:#734200 }
```

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

Here you see how a box with a 4 pixel #734200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #734200; -webkit-box-shadow:4px 4px  
4px 4px #734200; box-shadow:4px 4px 4px  
4px #734200 }
```

# Background

The CSS property to change the background color of an element to Hex 734200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#734200 }
```

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

```
.background{ background-color:#734200 }
```

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