

Converting Colors

Hex(702A07)

Have a look what the booklet for
Hex(702A07) contains.

Hex(702A07)	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(702A07)

Conversions

Conversions Part 1

Format	Color
Hex	702A07
RGB	112, 42, 7
RGB Percent	44%, 16%, 3%
CMY	0.5608, 0.8353, 0.9725
CMYK	0.00, 0.63, 0.94, 0.56
HSL	20°, 88%, 23%
HSV	20°, 94%, 44%
XYZ	7.5484, 5.1160, 0.7907
YIQ	58.9400, 52.9550, 3.9550

Conversions

Conversions Part 2

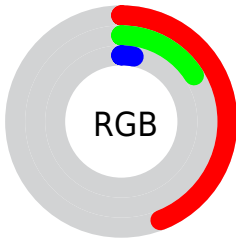
Format	Color
R_{YB}	112, 60, 7
Decimal	7350791
CIE Lab	27.06, 29.30, 35.35
CIE LCh	27, 45.917, 50.343
Yxy	5.1160, 0.5610, 0.3802
Android (android.graphics.Color)	4285540871 (0xFF702A07)
YUV	58.9400, -25.6064, 46.5336
Hunter-Lab	22.6186, 19.9874, 13.7605

Details

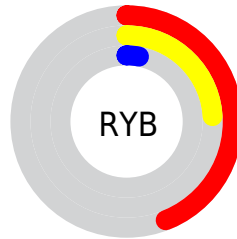
The Hex color **702A07** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **074D70**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **A95A35**, and **390000** is the 20% darker color. If you saturate the color by 10%, you get **702500**, and if you desaturate by 10%, it is **703112**.

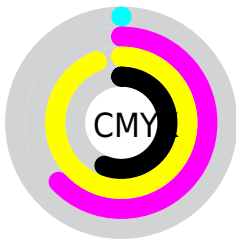
Distribution



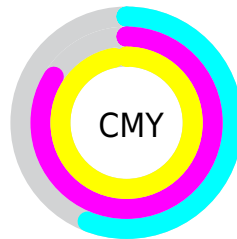
- Red (44%)
- Green (16%)
- Blue (3%)



- Red (44%)
- Yellow (24%)
- Blue (3%)



- Cyan (0%)
- Magenta (63%)
- Yellow (94%)
- Black (56%)



- Cyan (56%)
- Magenta (84%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 702A07 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 702A07 by changing the saturation by 10% instead.

 702A07

 702A07

 FFFFEC

 541200

 A95A35

 390000

 C7734D

 1E0001

 E58D65

 000000

 FFA87E

 FFC499

 FFE0B4

 FFFDCF

 702A07

 702A07

■ 702500

■ 703112

■ 70391D

■ 704029

■ 704834

■ 704F3F

■ 70574A

■ 705E55

■ 706661

■ 706D6C

Harmonies

Analogous

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



7C182A



702A07



593A00

Triad

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



702A07



004F33



1F3C83

Complementary

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



702A07



074D70

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.



004886



702A07



004F57

Square

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



702A07



004C0D



004E76



5E2A6D

Rectangle

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



702A07



444200



004E76



004086

Sweetspot

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



702A07



917669



70074D



4A3931



C9C9C9



4A4A4A

Same Dimension

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



702A07



913000



705F07



383432



782800



F75200

Inverse Universe

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



074D70



006191



071970



323638



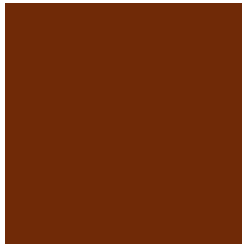
005078



00A5F7

Previews

White Background



This preview shows how the Hex color 702A07 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 702A07 Background



This preview shows how black text looks on a background with the Hex color 702A07.



This preview shows how white text looks on a background with the Hex color 702A07.

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
702A07

Protanopia
49410E

Deuteranopia
523E00

Trichromacy



Original Color
702A07

Protanomaly
57390B

Deuteranomaly
5D3703

Tritanomaly
71281D

Monochromacy



Original Color
702A07

Achromatopsia
3B3B3B

Achromatomaly
4E3528

CSS Examples

Text

The CSS property to change the color of the text to Hex 702A07 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 #702A07 looks like.

```
.text, #text, p{  
    color:#702A07  
}
```

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 #702A07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #702A07
}
```

Border

The CSS property to change the border of an element to Hex 702A07 is called "border". The border property can be set on classes, ids or directly on the HTML element.

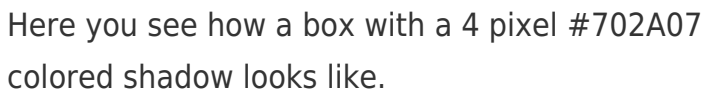
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#702A07 }
```

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

```
.border{ border-color:#702A07 }
```

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



Here you see how a box with a 4 pixel #702A07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #702A07; -webkit-box-shadow:4px 4px  
4px 4px #702A07; box-shadow:4px 4px 4px  
4px #702A07 }
```

Background

The CSS property to change the background color of an element to Hex 702A07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#702A07 }
```

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

```
.background{ background-color:#702A07 }
```

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