

# Converting Colors

Hex(701228)

Have a look what the booklet for  
Hex(701228) contains.

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**Color**

**Hex(701228)**

# Conversions

## Conversions Part 1

Format	Color
Hex	701228
RGB	112, 18, 40
RGB Percent	44%, 7%, 16%
CMY	0.5608, 0.9294, 0.8431
CMYK	0.00, 0.84, 0.64, 0.56
HSL	346°, 72%, 25%
HSV	346°, 84%, 44%
XYZ	7.2814, 4.0306, 2.4017
YIQ	48.6140, 48.9620, 26.7700

# Conversions

## Conversions Part 2

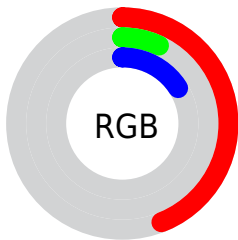
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 18, 40
Decimal	7344680
CIE <sub>Lab</sub>	23.77, 40.92, 12.48
CIE <sub>LCh</sub>	24, 42.785, 16.964
Yxy	4.0306, 0.5310, 0.2939
Android (android.graphics.Color)	4285534760 (0xFF701228)
YUV	48.6140, -4.2467, 55.5895
Hunter-Lab	20.0763, 29.6062, 6.9606

# Details

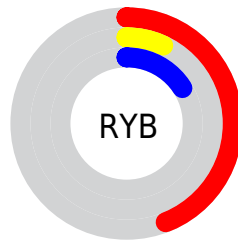
The Hex color **701228** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12705A**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A94855**, and **3B0000** is the 20% darker color. If you saturate the color by 10%, you get **70071F**, and if you desaturate by 10%, it is **701D31**.

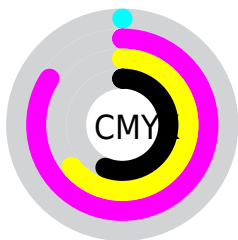
# Distribution



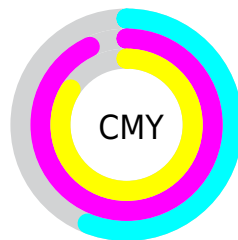
- Red (44%)
- Green (7%)
- Blue (16%)



- Red (44%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (84%)
- Yellow (64%)
- Black (56%)



- Cyan (56%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701228 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 701228 by changing the saturation by 10% instead.



 701228

 701228

FFFFFF

 540014

 A94855

 3B0000

 C6626D

 1B0001

 E37C86

 000000

 FF97A0

 FFB2BB

 FFCED7

 FFEBF3

 701228

 701228

70071F

701D31

70001A

702839

703442

703F4A

704A53

70555B

706064

706C6D

707775

# Harmonies

## Analogous

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



6A1448



701228



662208

# Triad

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



701228



064305



004078

# Complementary

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



701228



12705A

# 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.



004567



701228



004629

# Square

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



701228



363D00



00474A



073677

# Rectangle

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



701228



5A2D00



00474A



004374



# Sweetspot

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



701228



916D76



591270



4A3439



C9C9C9



4A4A4A



# Same Dimension

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



701228



910022



702A12



383234



78001C



F7003A



# Inverse Universe

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



701228



910022



125970



383234



78001C

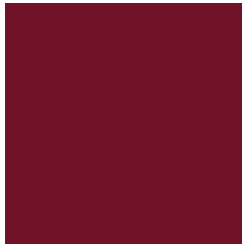


F7003A



# Previews

## White Background



This preview shows how the Hex color 701228 looks on a white background.

## Color Contrast Check

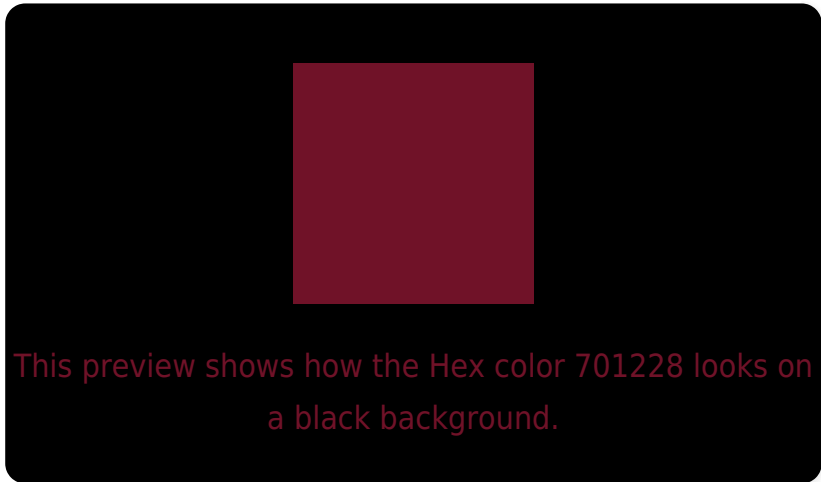
Large Text (above 18pt) WCAG AA ✓ Pass

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

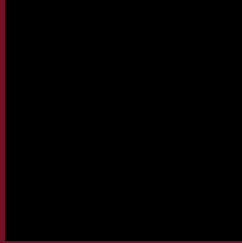
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701228 Background



This preview shows how black text looks on a background with the Hex color 701228.



This preview shows how white text looks on a background with the Hex color 701228.

# 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**  
701228

**Protanopia**  
3C3B38

**Deuteranopia**  
473823



**Tritanopia**  
6F1616

# Trichromacy



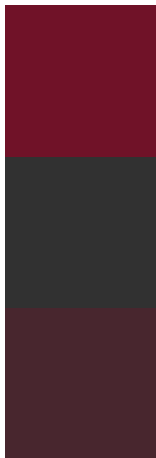
**Original Color**  
701228

**Protanomaly**  
4F2C32

**Deuteranomaly**  
562A25

**Tritanomaly**  
6F151D

# Monochromacy



**Original Color**  
701228

**Achromatopsia**  
313131

**Achromatomaly**  
48262E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701228 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 #701228 looks like.

```
.text, #text, p{  
    color:#701228  
}
```

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 #701228 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701228
}
```

## Border

The CSS property to change the border of an element to Hex 701228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

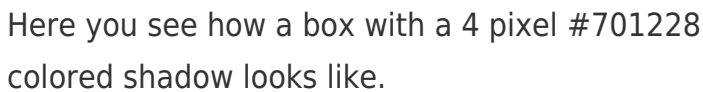
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#701228 }
```

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

```
.border{ border-color:#701228 }
```

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



Here you see how a box with a 4 pixel #701228 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701228; -webkit-box-shadow:4px 4px  
4px 4px #701228; box-shadow:4px 4px 4px  
4px #701228 }
```

# Background

The CSS property to change the background color of an element to Hex 701228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701228 }
```

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

```
.background{ background-color:#701228 }
```

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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