

# Converting Colors

Hex(701A31)

Have a look what the booklet for  
Hex(701A31) contains.

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**Color**

**Hex(701A31)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	701A31
RGB	112, 26, 49
RGB Percent	44%, 10%, 19%
CMY	0.5608, 0.8980, 0.8078
CMYK	0.00, 0.77, 0.56, 0.56
HSL	344°, 62%, 27%
HSV	344°, 77%, 44%
XYZ	7.6059, 4.4053, 3.3552
YIQ	54.3360, 43.8730, 25.3850

# Conversions

## Conversions Part 2

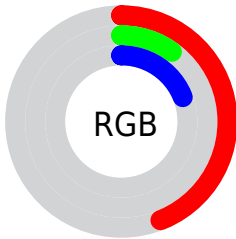
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	112, 26, 49
Decimal	7346737
CIE <sub>Lab</sub>	24.97, 38.88, 7.93
CIE <sub>LCh</sub>	25, 39.676, 11.534
Yxy	4.4053, 0.4950, 0.2867
Android (android.graphics.Color)	4285536817 (0xFF701A31)
YUV	54.3360, -2.6306, 50.5713
Hunter-Lab	20.9888, 27.9541, 5.2143

# Details

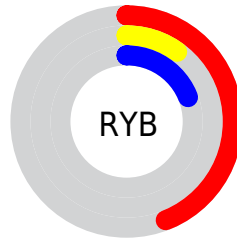
The Hex color **701A31** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **1A7059**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A84E5F**, and **3C0001** is the 20% darker color. If you saturate the color by 10%, you get **700F29**, and if you desaturate by 10%, it is **702539**.

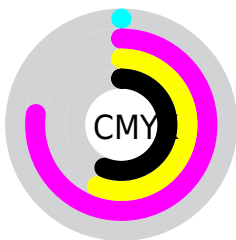
# Distribution



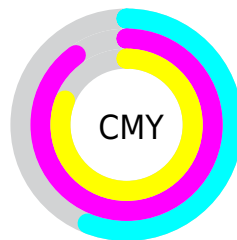
- Red (44%)
- Green (10%)
- Blue (19%)



- Red (44%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (77%)
- Yellow (56%)
- Black (56%)



- Cyan (56%)
- Magenta (90%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 701A31 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 701A31 by changing the saturation by 10% instead.



 701A31

 701A31

FFFFFF

 55001C

 A84E5F

 3C0001

 C56778

 1F0001

 E28191

 000000

 FF9CAC

 FFB8C7

 FFD4E3

 FFF1FF

 701A31

 701A31

 700F29

 702539

 700421

 703041

 70001E

 703C4A

 704752

 70525A

 705D62

 70686A

 707473

 707F7B

# Harmonies

## Analogous

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



671F4F



701A31



692515

# Triad

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



701A31



1B4408



004474

# Complementary

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



701A31



1A7059

# 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.



004862



701A31



004827

# Square

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



701A31



3F3D00



004946



003B76

# Rectangle

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



701A31



5F2E01



004946



004670



# Sweetspot

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



701A31



917079



581A70



4A353B



C9C9C9



4A4A4A



# Same Dimension

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



701A31



910C2F



702D1A



383234



780020



F70042



# Inverse Universe

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



701A31



910C2F



1A5D70



383234



780020

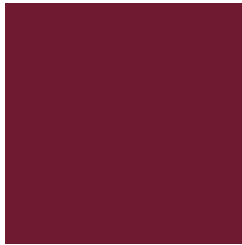


F70042



# Previews

## White Background



This preview shows how the Hex color 701A31 looks on a white background.

## Color Contrast Check

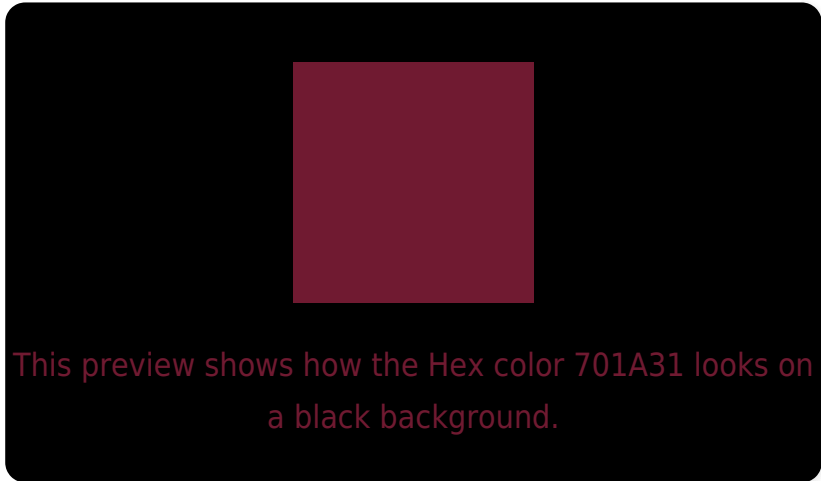
Large Text (above 18pt) WCAG AA ✓ Pass

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

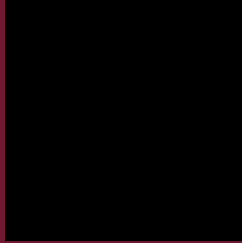
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 701A31 Background



This preview shows how black text looks on a background with the Hex color 701A31.



This preview shows how white text looks on a background with the Hex color 701A31.

# 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**  
701A31

**Protanopia**  
3D3D42

**Deuteranopia**  
483A2D



# Trichromacy



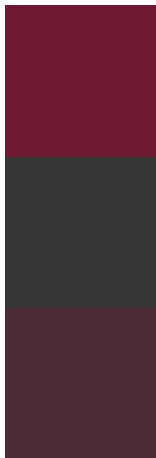
**Original Color**  
701A31

**Protanomaly**  
50303C

**Deuteranomaly**  
572E2E

**Tritanomaly**  
6F1D26

# Monochromacy



**Original Color**  
701A31

**Achromatopsia**  
363636

**Achromatomaly**  
4B2C34

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 701A31 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 #701A31 looks like.

```
.text, #text, p{  
    color:#701A31  
}
```

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 #701A31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701A31
}
```

## Border

The CSS property to change the border of an element to Hex 701A31 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
#701A31 }
```

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

```
.border{ border-color:#701A31 }
```

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

Here you see how a box with a 4 pixel #701A31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701A31; -webkit-box-shadow:4px 4px  
4px 4px #701A31; box-shadow:4px 4px 4px  
4px #701A31 }
```

# Background

The CSS property to change the background color of an element to Hex 701A31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701A31 }
```

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

```
.background{ background-color:#701A31 }
```

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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