

Converting Colors

Hex(701227)

Have a look what the booklet for
Hex(701227) contains.

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Color

Hex(701227)

Conversions

Conversions Part 1

Format	Color
Hex	701227
RGB	112, 18, 39
RGB Percent	44%, 7%, 15%
CMY	0.5608, 0.9294, 0.8471
CMYK	0.00, 0.84, 0.65, 0.56
HSL	347°, 72%, 25%
HSV	347°, 84%, 44%
XYZ	7.2646, 4.0238, 2.3132
YIQ	48.5000, 49.2830, 26.4590

Conversions

Conversions Part 2

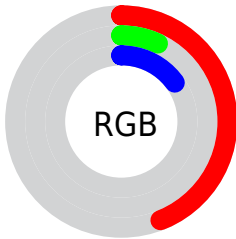
Format	Color
R_{YB}	112, 18, 39
Decimal	7344679
CIE _{Lab}	23.75, 40.85, 13.14
CIE _{LCh}	24, 42.917, 17.832
Yxy	4.0238, 0.5341, 0.2958
Android (android.graphics.Color)	4285534759 (0xFF701227)
YUV	48.5000, -4.6835, 55.6895
Hunter-Lab	20.0595, 29.5401, 7.2044

Details

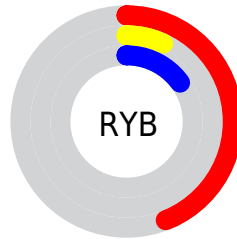
The Hex color **701227** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **12705B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **A94854**, and **3A0000** is the 20% darker color. If you saturate the color by 10%, you get **70071E**, and if you desaturate by 10%, it is **701D30**.

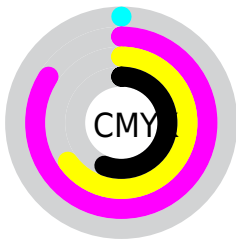
Distribution



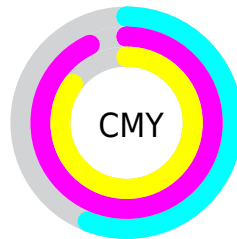
- Red (44%)
- Green (7%)
- Blue (15%)



- Red (44%)
- Yellow (7%)
- Blue (15%)



- Cyan (0%)
- Magenta (84%)
- Yellow (65%)
- Black (56%)



- Cyan (56%)
- Magenta (93%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 701227 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 701227 by changing the saturation by 10% instead.

 701227

 701227

FFFFFF

 540013

 A94854

 3A0000

 C6626C

 1B0001

 E37C85

 000000

 FF979F

 FFB2BA

 FFCED6

 FFEBF2

 701227

 701227

■ 70071E

■ 701D30

■ 700019

■ 702838

■ 703441

■ 703F4A

■ 704A52

■ 70555B

■ 706064

■ 706C6D

■ 707775

Harmonies

Analogous

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



6A1347



701227



662306

Triad

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



701227



034306



004078

Complementary

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



701227



12705B

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.



004568



701227



00462A

Square

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



701227



353D00



00474B



0D3676

Rectangle

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



701227



592E00



00474B



004274

Sweetspot

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



701227



916D75



5A1270



4A3439



C9C9C9



4A4A4A

Same Dimension

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



701227



910020



702B12



383234



78001B



F70037

Inverse Universe

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



701227



910020



125770



383234



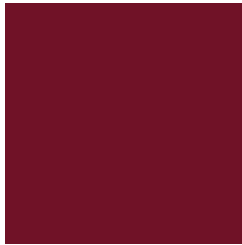
78001B



F70037

Previews

White Background



This preview shows how the Hex color 701227 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 701227 Background



This preview shows how black text looks on a background with the Hex color 701227.



This preview shows how white text looks on a background with the Hex color 701227.

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
701227

Protanopia
3D3A37

Deuteranopia
473822



Tritanopia
6F1616

Trichromacy



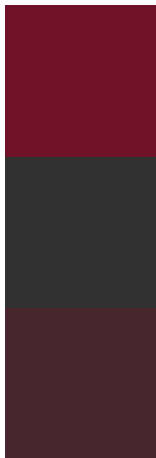
Original Color
701227

Protanomaly
502B31

Deuteranomaly
562A24

Tritanomaly
6F151C

Monochromacy



Original Color
701227

Achromatopsia
313131

Achromatomaly
48262D

CSS Examples

Text

The CSS property to change the color of the text to Hex 701227 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 #701227 looks like.

```
.text, #text, p{  
    color:#701227  
}
```

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 #701227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #701227
}
```

Border

The CSS property to change the border of an element to Hex 701227 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
#701227 }
```

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

```
.border{ border-color:#701227 }
```

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

Here you see how a box with a 4 pixel #701227 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #701227; -webkit-box-shadow:4px 4px  
4px 4px #701227; box-shadow:4px 4px 4px  
4px #701227 }
```

Background

The CSS property to change the background color of an element to Hex 701227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#701227 }
```

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

```
.background{ background-color:#701227 }
```

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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