

Converting Colors

Hex(791271)

Have a look what the booklet for
Hex(791271) contains.

Hex(791271)	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(791271)

Conversions

Conversions Part 1

Format	Color
Hex	791271
RGB	121, 18, 113
RGB Percent	47%, 7%, 44%
CMY	0.5255, 0.9294, 0.5569
CMYK	0.00, 0.85, 0.07, 0.53
HSL	305°, 74%, 27%
HSV	305°, 85%, 47%
XYZ	11.0821, 5.6898, 16.1369
YIQ	59.6270, 30.8930, 51.3810

Conversions

Conversions Part 2

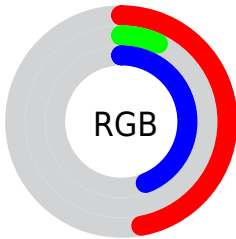
Format	Color
R_{YB}	121, 18, 113
Decimal	7934577
CIE _{Lab}	28.62, 51.96, -28.92
CIE _{LCh}	29, 59.461, 330.902
Yxy	5.6898, 0.3368, 0.1729
Android (android.graphics.Color)	4286124657 (0xFF791271)
YUV	59.6270, 26.3129, 53.8241
Hunter-Lab	23.8533, 41.1866, -23.4127

Details

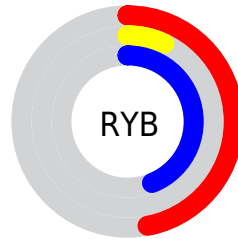
The Hex color **791271** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **12791A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **B04DA5**, and **440040** is the 20% darker color. If you saturate the color by 10%, you get **790670**, and if you desaturate by 10%, it is **791E72**.

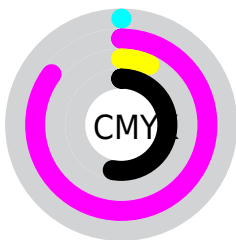
Distribution



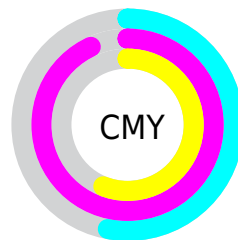
- Red (47%)
- Green (7%)
- Blue (44%)



- Red (47%)
- Yellow (7%)
- Blue (44%)



- Cyan (0%)
- Magenta (85%)
- Yellow (7%)
- Black (53%)



- Cyan (53%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 791271 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 791271 by changing the saturation by 10% instead.

791271

791271

FFFFFF

5E0058

B04DA5

440040

CD68C1

2D002A

EA83DD

000014

FF9EF9

000000

FFBAFF

FFD7FF

FFF4FF

791271

791271

■ 790670

■ 791E72

■ 790070

■ 792A73

■ 793674

■ 794275

■ 794E76

■ 795B77

■ 796778

■ 797379

■ 797F79

Harmonies

Analogous

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



3B3694



791271



8F0044

Triad

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



791271



524200



005672

Complementary

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



791271



12791A

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.



005644



791271



234E00

Square

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



791271



752E00



005311



005394

Rectangle

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



791271



8F0026



005311



005663

Sweetspot

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



791271



9E759B



191279



4F374D



CFCFCF



4F4F4F

Same Dimension

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



791271



9E0092



79123F



3D373D



7D0073



FC00E9

Inverse Universe

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



791271



9E0092



12794C



3D373D



7D0073



FC00E9

Previews

White Background



This preview shows how the Hex color 791271 looks on a white background.

Color Contrast Check

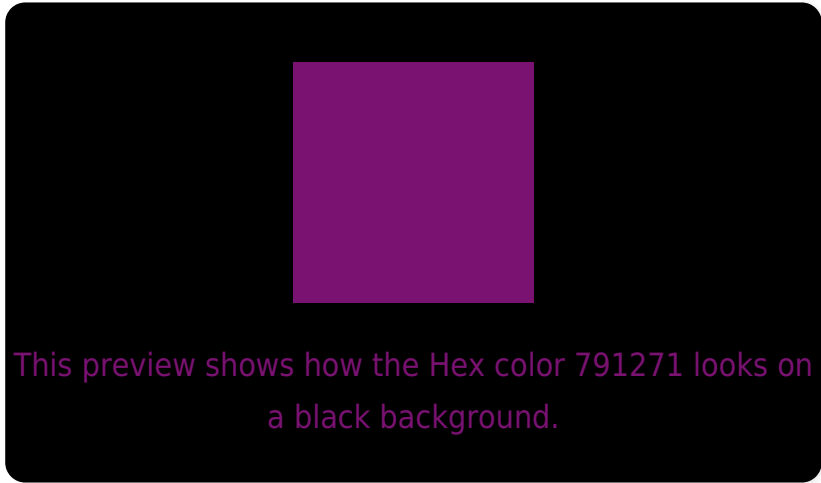
Large Text (above 18pt) WCAG AA ✓ Pass

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

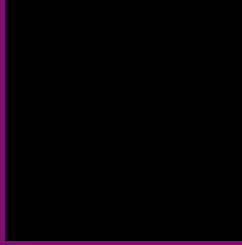
Any Text WCAG AA × Fail

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 791271 Background



This preview shows how black text looks on a background with the Hex color 791271.



This preview shows how white text looks on a background with the Hex color 791271.

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





Tritanopia
732F32

Trichromacy



Original Color
791271

Protanomaly
2C3183

Deuteranomaly
4C326D

Tritanomaly
752449

Monochromacy



Original Color
791271

Achromatopsia
3C3C3C

Achromatomaly
522D4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 791271 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 #791271 looks like.

```
.text, #text, p{  
    color:#791271  
}
```

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 #791271 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #791271
}
```

Border

The CSS property to change the border of an element to Hex 791271 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".

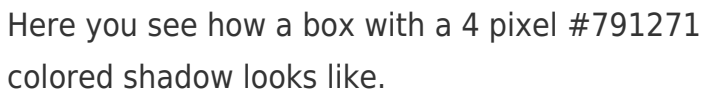
```
.border, #border, table{ border:4px solid
#791271 }
```

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

```
.border{ border-color:#791271 }
```

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

Here you see how a box with a 4 pixel #791271 colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #791271; -webkit-box-shadow:4px 4px  
4px 4px #791271; box-shadow:4px 4px 4px  
4px #791271 }
```

Background

The CSS property to change the background color of an element to Hex 791271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#791271 }
```

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

```
.background{ background-color:#791271 }
```

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