

Converting Colors

Hex(A71683)

Have a look what the booklet for
Hex(A71683) contains.

Hex(A71683)	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(A71683)

Conversions

Conversions Part 1

Format	Color
Hex	A71683
RGB	167, 22, 131
RGB Percent	65%, 9%, 51%
CMY	0.3451, 0.9137, 0.4863
CMYK	0.00, 0.87, 0.22, 0.35
HSL	315°, 77%, 37%
HSV	315°, 87%, 65%
XYZ	20.3200, 10.4280, 22.4146
YIQ	77.7810, 51.4310, 64.6390

Conversions

Conversions Part 2

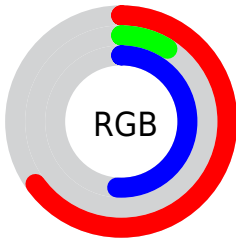
Format	Color
R_{YB}	167, 22, 131
Decimal	10950275
CIE _{Lab}	38.60, 63.63, -23.95
CIE _{LCh}	39, 67.988, 339.370
Yxy	10.4280, 0.3822, 0.1962
Android (android.graphics.Color)	4289140355 (0xFFA71683)
YUV	77.7810, 26.2370, 78.2451
Hunter-Lab	32.2924, 55.8093, -18.5492

Details

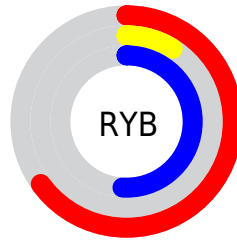
The Hex color **A71683** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **16A73A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **E258B8**, and **6E0051** is the 20% darker color. If you saturate the color by 10%, you get **A7057F**, and if you desaturate by 10%, it is **A72787**.

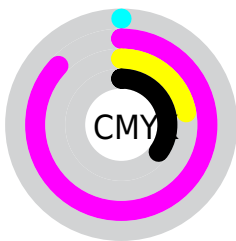
Distribution



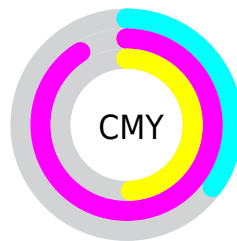
- Red (65%)
- Green (9%)
- Blue (51%)



- Red (65%)
- Yellow (9%)
- Blue (51%)



- Cyan (0%)
- Magenta (87%)
- Yellow (22%)
- Black (35%)



- Cyan (35%)
- Magenta (91%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color A71683 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 A71683 by changing the saturation by 10% instead.

 A71683

 A71683

FFFFFF

 8A006A

 E258B8

 6E0051

 FF75D4

 53003A

 FF91F0

 3A0024

 FFADFF

 19000B

 FFCAFF

 000000

 FFE8FF

 A71683

 A71683

 A7057F

 A72787

 A7007E

 A7378B

 A7488F

 A75994

 A76A98

 A77A9C

 A78BA0

 A79CA4

 A7ACA8

Harmonies

Analogous

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



6F42B1



A71683



B9004C

Triad

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



A71683



605E00



0071A0

Complementary

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



A71683



16A73A

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.



00726B



A71683



196A00

Square

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



A71683



8D4900



006F31



006BC3

Rectangle

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



A71683



B41729



006F31



007290

Sweetspot

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



A71683



D9A0CB



3816A7



6E4C65



EDEDED



6E6E6E

Same Dimension

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



A71683



D900A3



A7163D



544C52



94006F



14000F

Inverse Universe

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



A71683



D900A3



16A780



544C52



94006F



14000F

Previews

White Background



This preview shows how the Hex color A71683 looks on a white background.

Color Contrast Check

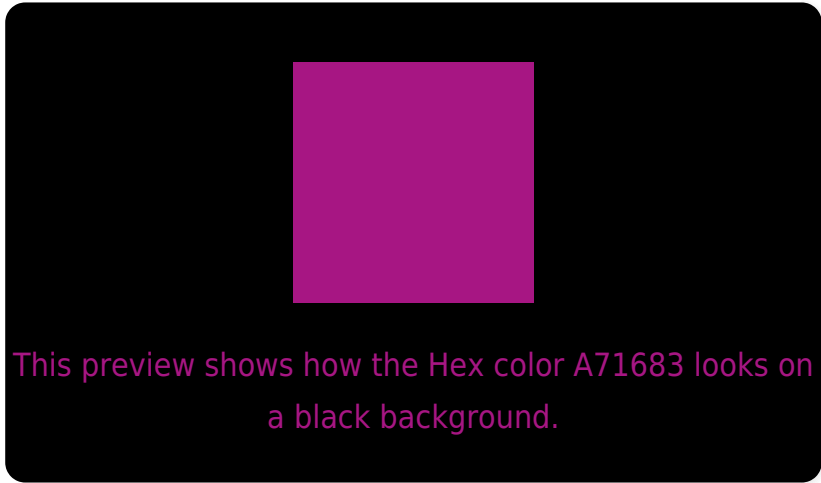
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

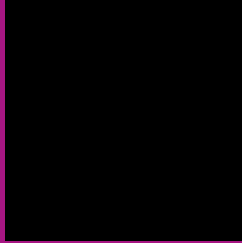
Any Text WCAG AA × Fail

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 A71683 Background



This preview shows how black text looks on a background with the Hex color A71683.

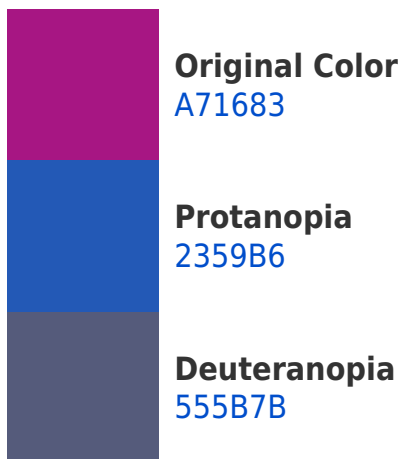



This preview shows how white text looks on a background with the Hex color A71683.

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](#).

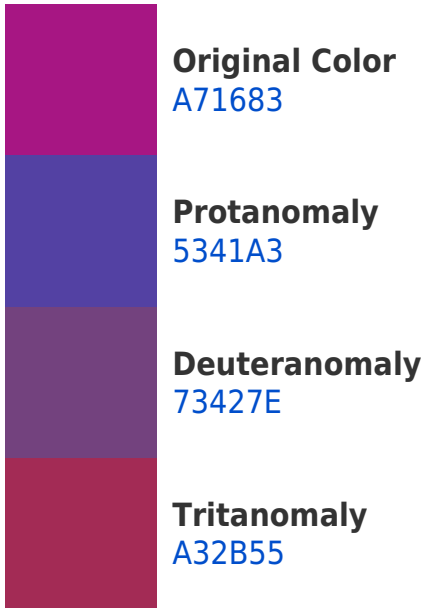
Dichromacy



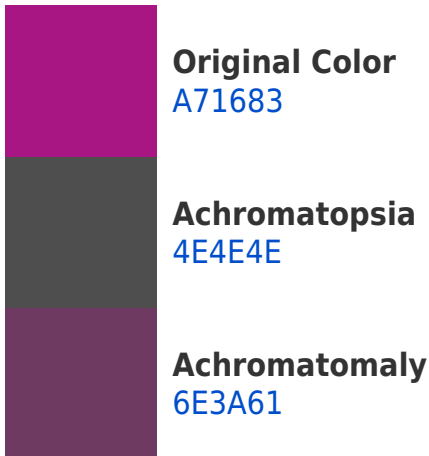


Tritanopia
A1373A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A71683 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 #A71683 looks like.

```
.text, #text, p{  
    color:#A71683  
}
```

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 #A71683 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A71683
}
```

Border

The CSS property to change the border of an element to Hex A71683 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
#A71683 }
```

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

```
.border{ border-color:#A71683 }
```

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

Here you see how a box with a 4 pixel #A71683 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A71683; -webkit-box-shadow:4px 4px  
4px 4px #A71683; box-shadow:4px 4px 4px  
4px #A71683 }
```

Background

The CSS property to change the background color of an element to Hex A71683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A71683 }
```

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

```
.background{ background-color:#A71683 }
```

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