

Converting Colors

Hex(AC2083)

Have a look what the booklet for
Hex(AC2083) contains.

| | |
|--|----|
| Hex(AC2083) | 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(AC2083)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | AC2083 |
| RGB | 172, 32, 131 |
| RGB Percent | 67%, 13%, 51% |
| CMY | 0.3255, 0.8745, 0.4863 |
| CMYK | 0.00, 0.81, 0.24, 0.33 |
| HSL | 318°, 69%, 40% |
| HSV | 318°, 81%, 67% |
| XYZ | 21.6265, 11.4424, 22.5415 |
| YIQ | 85.1460, 51.6610, 60.4690 |

Conversions

Conversions Part 2

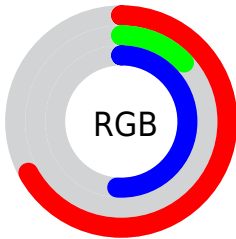
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 172, 32, 131 |
| Decimal | 11280515 |
| CIE _{Lab} | 40.32, 62.51, -21.22 |
| CIE _{LCh} | 40, 66.011, 341.250 |
| Yxy | 11.4424, 0.3889, 0.2058 |
| Android (android.graphics.Color) | 4289470595 (0xFFAC2083) |
| YUV | 85.1460, 22.6060, 76.1710 |
| Hunter-Lab | 33.8266, 54.9247, -15.8313 |

Details

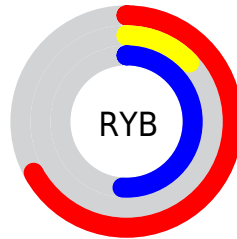
The Hex color **AC2083** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **20AC49**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **E75EB8**, and **730051** is the 20% darker color. If you saturate the color by 10%, you get **AC0F7E**, and if you desaturate by 10%, it is **AC3188**.

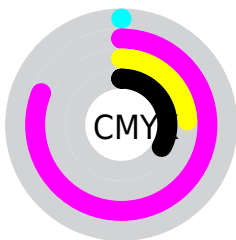
Distribution



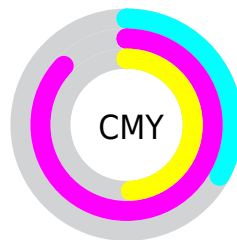
- Red (67%)
- Green (13%)
- Blue (51%)



- Red (67%)
- Yellow (13%)
- Blue (51%)



- Cyan (0%)
- Magenta (81%)
- Yellow (24%)
- Black (33%)



- Cyan (33%)
- Magenta (87%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color AC2083 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 AC2083 by changing the saturation by 10% instead.

AC2083

AC2083

FFFFFF

8F006A

E75EB8

730051

FF7AD4

57003A

FF97F0

3F0025

FFB3FF

21000C

FFD0FF

000000

FFEEFF

AC2083

AC2083

AC0F7E

AC3188

■ AC007A

■ AC428D

■ AC5492

■ AC6597

■ AC769C

■ AC87A1

■ AC98A6

■ ACAAAB

■ ACBBB0

Harmonies

Analogous

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



7845B1



AC2083



BC0C4D

Triad

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



AC2083



626300



0075A6

Complementary

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



AC2083



20AC49

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.



007673



AC2083



1C6E00

Square

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



AC2083



8F5000



00743A



006FC6

Rectangle

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



AC2083



B6252B



00743A



007696

Sweetspot

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



AC2083



E0ABD1



4820AC



705067



F0F0F0



707070

Same Dimension

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



AC2083



E004A0



AC203E



574E54



96006A



170010

Inverse Universe

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



AC2083



E004A0



20AC8E



574E54



96006A



170010

Previews

White Background



This preview shows how the Hex color AC2083 looks on a white background.

Color Contrast Check

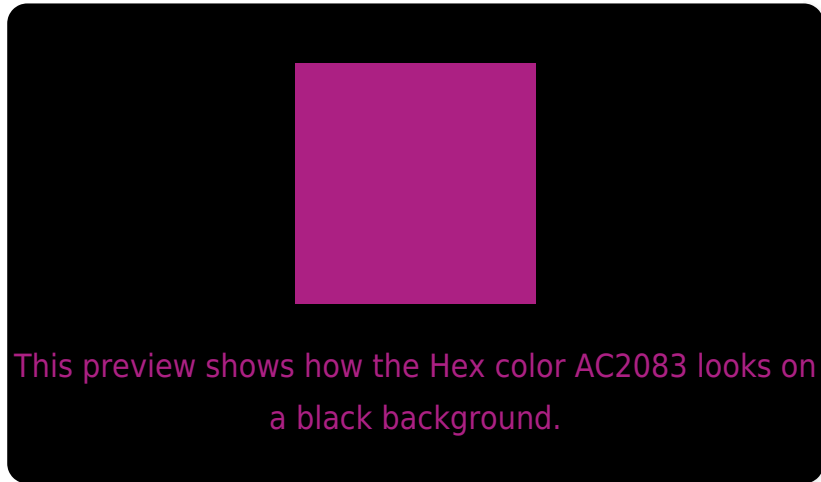
Large Text (above 18pt) WCAG AA ✓ Pass

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 AC2083 Background



This preview shows how black text looks on a background with the Hex color AC2083.



This preview shows how white text looks on a background with the Hex color AC2083.

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



Trichromacy



Original Color
AC2083



Protanomaly
6047A1



Deuteranomaly
78477E



Tritanomaly
A83156

Monochromacy



Original Color
AC2083



Achromatopsia
555555



Achromatomaly
754266

CSS Examples

Text

The CSS property to change the color of the text to Hex AC2083 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 #AC2083 looks like.

```
.text, #text, p{  
    color:#AC2083  
}
```

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 #AC2083 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AC2083
}
```

Border

The CSS property to change the border of an element to Hex AC2083 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
#AC2083 }
```

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

```
.border{ border-color:#AC2083 }
```

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

Here you see how a box with a 4 pixel #AC2083 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AC2083; -webkit-box-shadow:4px 4px  
4px 4px #AC2083; box-shadow:4px 4px 4px  
4px #AC2083 }
```

Background

The CSS property to change the background color of an element to Hex AC2083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AC2083 }
```

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

```
.background{ background-color:#AC2083 }
```

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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