

Converting Colors

Hex(A80227)

Have a look what the booklet for
Hex(A80227) contains.

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Color

Hex(A80227)

Conversions

Conversions Part 1

Format	Color
Hex	A80227
RGB	168, 2, 39
RGB Percent	66%, 1%, 15%
CMY	0.3412, 0.9922, 0.8471
CMYK	0.00, 0.99, 0.77, 0.34
HSL	347°, 98%, 33%
HSV	347°, 99%, 66%
XYZ	16.5364, 8.5147, 2.6914
YIQ	55.8520, 87.0590, 46.6990

Conversions

Conversions Part 2

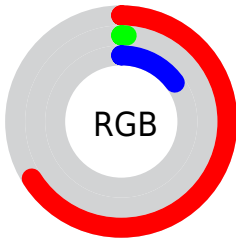
Format	Color
RYB	168, 2, 39
Decimal	11010599
CIELab	35.03, 59.16, 29.73
CIELCh	35, 66.209, 26.679
Yxy	8.5147, 0.5961, 0.3069
Android (android.graphics.Color)	4289200679 (0xFFA80227)
YUV	55.8520, -8.3080, 98.3538
Hunter-Lab	29.1800, 50.0913, 14.9574

Details

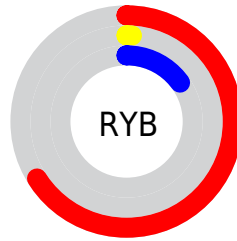
The Hex color **A80227** is a dark color, and the websafe version is hex **CC0033**. A complement of this color would be **02A883**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **E64E54**, and **6B0000** is the 20% darker color. If you saturate the color by 10%, you get **A80025**, and if you desaturate by 10%, it is **A81334**.

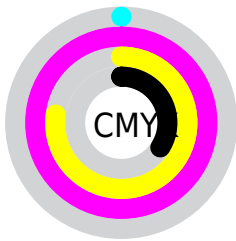
Distribution



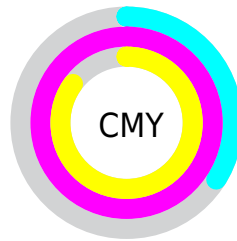
- Red (66%)
- Green (1%)
- Blue (15%)



- Red (66%)
- Yellow (1%)
- Blue (15%)



- Cyan (0%)
- Magenta (99%)
- Yellow (77%)
- Black (34%)



- Cyan (34%)
- Magenta (99%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color A80227 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 A80227 by changing the saturation by 10% instead.

 A80227

 A80227

FFFFFF

 890013

 E64E54

 6B0000

 FF6A6C

 4D0001

 FF8686

 300002

 FFA3A0

 000000

 FFBFB B

 FFD CD6

 FFF AF3

 A80227

 A80227

 A80025

 A81334

 A82441

 A8344E

 A8455B

 A85668

 A86775

 A87882

 A8888F

 A8999C

Harmonies

Analogous

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



A8005B



A80227



913500

Triad

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



A80227



00640E



005CBE

Complementary

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



A80227



02A883

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.



0065AB



A80227



00674B

Square

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



A80227



375D00



006881



3647B2

Rectangle

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



A80227



794700



006881



0060BB

Sweetspot

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



A80227



DB9AA8



8102A8



6E464F



EDEDED



6E6E6E

Same Dimension

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



A80227



DB0031



A82E02



544C4E



940021



140005

Inverse Universe

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



A80227



DB0031



027CA8



544C4E



940021



140005

Previews

White Background



This preview shows how the Hex color A80227 looks on a white background.

Color Contrast Check

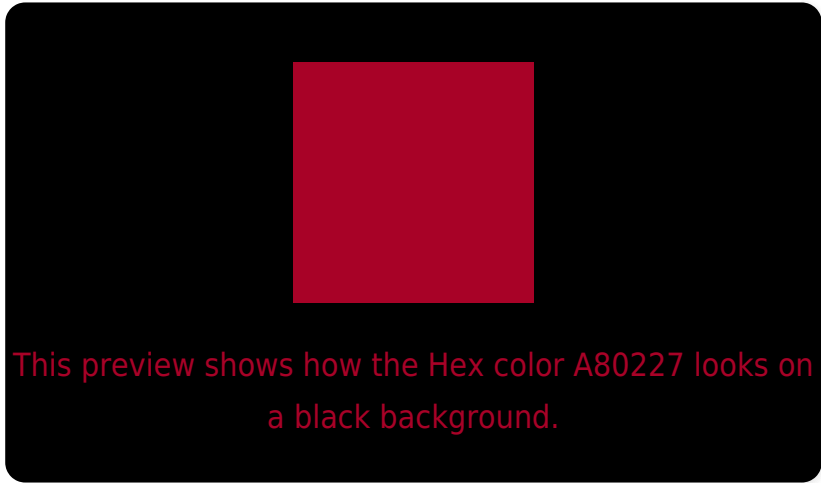
Large Text (above 18pt) WCAG AA ✓ Pass

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 A80227 Background



This preview shows how black text looks on a background with the Hex color A80227.



This preview shows how white text looks on a background with the Hex color A80227.

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
A80227

Protanopia
5C553B

Deuteranopia
6B511D



Tritanopia
A81009

Trichromacy



Original Color

A80227

Protanomaly

783734

Deuteranomaly

813421

Tritanomaly

A80B14

Monochromacy



Original Color

A80227

Achromatopsia

383838

Achromatomaly

612432

CSS Examples

Text

The CSS property to change the color of the text to Hex A80227 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 #A80227 looks like.

```
.text, #text, p{  
    color:#A80227  
}
```

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 #A80227 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A80227
}
```

Border

The CSS property to change the border of an element to Hex A80227 is called "border". The border property can be set on classes, ids or directly on the HTML element.

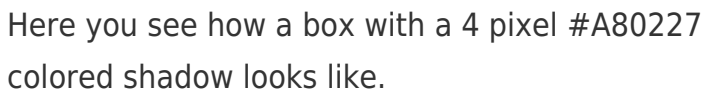
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A80227 }
```

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

```
.border{ border-color:#A80227 }
```

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



Here you see how a box with a 4 pixel `#A80227` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A80227; -webkit-box-shadow:4px 4px  
4px 4px #A80227; box-shadow:4px 4px 4px  
4px #A80227 }
```

Background

The CSS property to change the background color of an element to Hex A80227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A80227 }
```

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

```
.background{ background-color:#A80227 }
```

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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