

Converting Colors

Hex(CA0224)

Have a look what the booklet for
Hex(CA0224) contains.

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Color

Hex(CA0224)

Conversions

Conversions Part 1

Format	Color
Hex	CA0224
RGB	202, 2, 36
RGB Percent	79%, 1%, 14%
CMY	0.2078, 0.9922, 0.8588
CMYK	0.00, 0.99, 0.82, 0.21
HSL	350°, 98%, 40%
HSV	350°, 99%, 79%
XYZ	24.6973, 12.7273, 2.8240
YIQ	65.6760, 108.2860, 52.9740

Conversions

Conversions Part 2

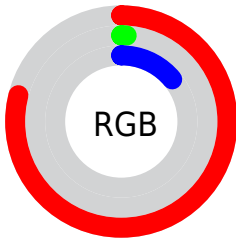
Format	Color
RYB	202, 2, 36
Decimal	13238820
CIELab	42.35, 67.55, 41.40
CIELCh	42, 79.232, 31.502
Yxy	12.7273, 0.6136, 0.3162
Android (android.graphics.Color)	4291428900 (0xFFCA0224)
YUV	65.6760, -14.6303, 119.5561
Hunter-Lab	35.6754, 61.1395, 20.2795

Details

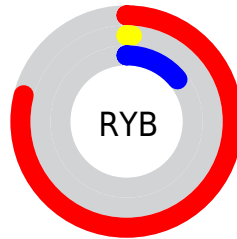
The Hex color **CA0224** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **02CAA8**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **FF5652**, and **8A0000** is the 20% darker color. If you saturate the color by 10%, you get **CA0022**, and if you desaturate by 10%, it is **CA1635**.

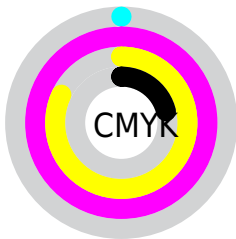
Distribution



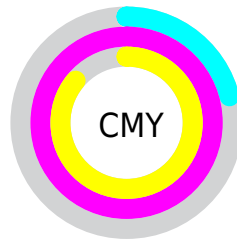
- Red (79%)
- Green (1%)
- Blue (14%)



- Red (79%)
- Yellow (1%)
- Blue (14%)



- Cyan (0%)
- Magenta (99%)
- Yellow (82%)
- Black (21%)



- Cyan (21%)
- Magenta (99%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color CA0224 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 CA0224 by changing the saturation by 10% instead.

 CA0224

 CA0224

FFFFFFF

 AA000F

 FF5652

 8A0000

 FF736A

 6B0000

 FF9083

 4D0003

 FFAD9E

 2E0002

 FFCBB9

 000000

 FFE9D5

 FFFFFF1

 CA0224

 CA0224

■ CA0022

■ CA1635

■ CA2A46

■ CA3F56

■ CA5367

■ CA6778

■ CA7B89

■ CA8F99

■ CAA4AA

■ CAB8BB

Harmonies

Analogous

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



D00064



CA0224



AA4600

Triad

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



CA0224



007A1D



006DE9

Complementary

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



CA0224



02CAA8

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.



007AD8



CA0224



007E66

Square

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



CA0224



317300



007EA7



5950D5

Rectangle

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



CA0224



8A5B00



007EA7



0072E8

Sweetspot

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



CA0224



FFB3C0



A502CA



805259



000000



808080

Same Dimension

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



CA0224



FF002B



CA4102



665C5E



A6001C



260007

Inverse Universe

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



CA0224



FF002B



028BCA



665C5E



A6001C



260007

Previews

White Background



This preview shows how the Hex color CA0224 looks on a white background.

Color Contrast Check

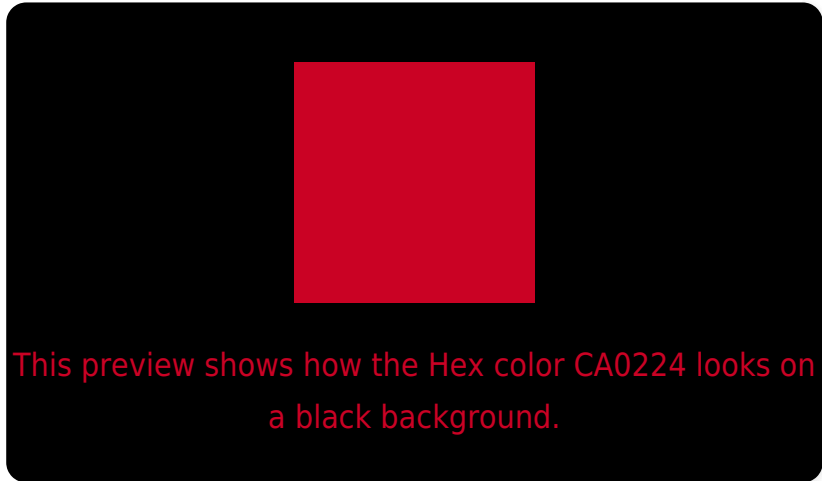
Large Text (above 18pt) WCAG AA ✓ Pass

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 CA0224 Background



This preview shows how black text looks on a background with the Hex color CA0224.



This preview shows how white text looks on a background with the Hex color CA0224.

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
CA0224

Protanopia
706639

Deuteranopia
816111

Trichromacy



Original Color
CA0224



Protanomaly
914231



Deuteranomaly
9C3E18



Tritanomaly
C90C0D

Monochromacy



Original Color
CA0224



Achromatopsia
424242



Achromatomaly
732B37

CSS Examples

Text

The CSS property to change the color of the text to Hex CA0224 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 #CA0224 looks like.

```
.text, #text, p{  
    color:#CA0224  
}
```

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 #CA0224 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #CA0224
}
```

Border

The CSS property to change the border of an element to Hex CA0224 is called "border". The border property can be set on classes, ids or directly on the HTML element.

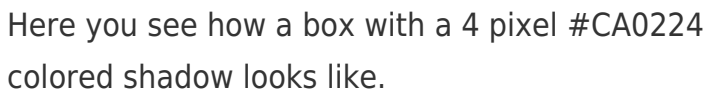
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#CA0224 }
```

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

```
.border{ border-color:#CA0224 }
```

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



Here you see how a box with a 4 pixel `#CA0224` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #CA0224; -webkit-box-shadow:4px 4px  
4px 4px #CA0224; box-shadow:4px 4px 4px  
4px #CA0224 }
```

Background

The CSS property to change the background color of an element to Hex CA0224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#CA0224 }
```

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

```
.background{ background-color:#CA0224 }
```

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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