

Converting Colors

Hex(C9B026)

Have a look what the booklet for
Hex(C9B026) contains.

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Color

Hex(C9B026)

Conversions

Conversions Part 1

Format	Color
Hex	C9B026
RGB	201, 176, 38
RGB Percent	79%, 69%, 15%
CMY	0.2118, 0.3098, 0.8510
CMYK	0.00, 0.12, 0.81, 0.21
HSL	51°, 68%, 47%
HSV	51°, 81%, 79%
XYZ	39.9626, 43.6081, 8.1447
YIQ	167.7430, 59.1980, -37.6180

Conversions

Conversions Part 2

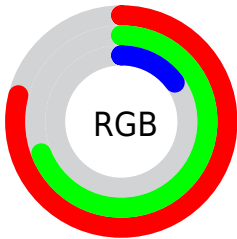
Format	Color
RYB	68, 201, 38
Decimal	13217830
CIELab	71.97, -4.59, 67.40
CIELCh	72, 67.552, 93.892
Yxy	43.6081, 0.4357, 0.4755
Android (android.graphics.Color)	4291407910 (0xFFC9B026)
YUV	167.7430, -63.9633, 29.1664
Hunter-Lab	66.0364, -7.5428, 38.9129

Details

The Hex color **C9B026** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle muted orange. A complement of this color would be **263FC9**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **FFE760**, and **8F7C00** is the 20% darker color. If you saturate the color by 10%, you get **C9AD12**, and if you desaturate by 10%, it is **C9B33A**.

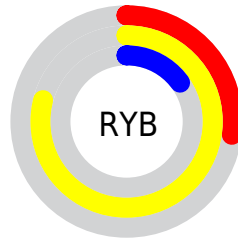
Distribution



Red (79%)

Green (69%)

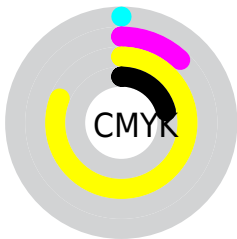
Blue (15%)



Red (27%)

Yellow (79%)

Blue (15%)

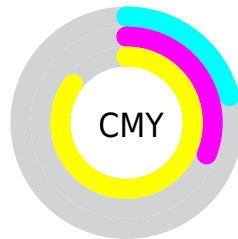


Cyan (0%)

Magenta (12%)

Yellow (81%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color C9B026 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 C9B026 by changing the saturation by 10% instead.

 C9B026

 C9B026

FFFFFF

 AC9600

 FFE760

 8F7C00

 FFFF7C

 736300

 FFFF98

 574C00

 FFFFFB4

 3C3500

 FFFFFD1

 232000

 FFFFEE

 000A00

 000000

 C9B026

 C9B026

 C9AD12

 C9B33A

 C9AA00

 C9B64E

 C9B962

 C9BC76

 C9BF8B

 C9C29F

 C9C6B3

 C9C9C7

 C9CCDB

Harmonies

Analogous

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



FB993E



C9B026



89C041

Triad

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



C9B026



00CDF4



FF82E8

Complementary

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



C9B026



263FC9

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.



BC9DFF



C9B026



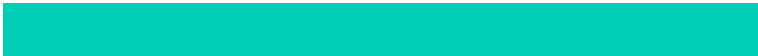
00C5FF

Square

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



C9B026



00CEB7



17B5FF



FF76AB

Rectangle

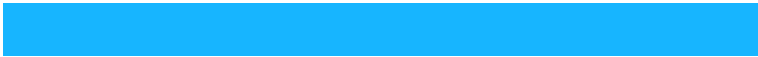
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



C9B026



4FC764



17B5FF



EF8BFA

Sweetspot

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



C9B026



FFF6C2



C92641



807A5B



000000



808080

Same Dimension

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



C9B026



FFD908



93C926



63625A



A38A00



241E00

Inverse Universe

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



263FC9



082EFF



5C26C9



5A5B63



0019A3



000524

Previews

White Background



This preview shows how the Hex color C9B026 looks on a white background.

Color Contrast Check

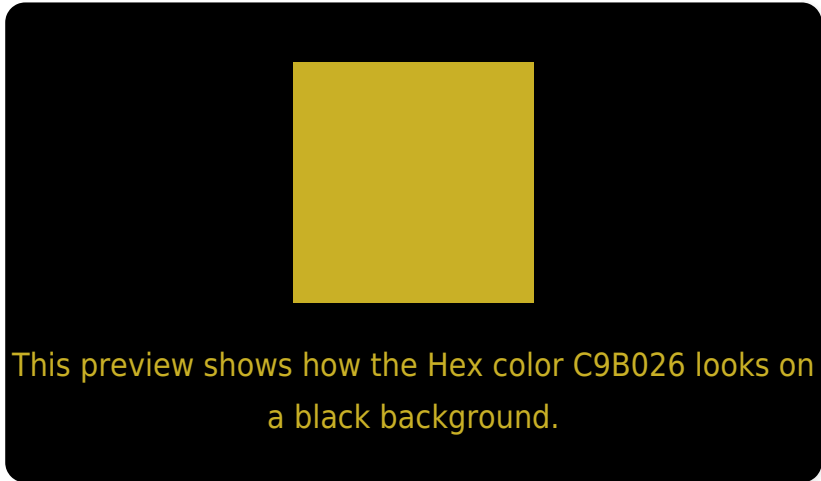
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex C9B026 Background



This preview shows how black text looks on a background with the Hex color C9B026.



This preview shows how white text looks on a background with the Hex color C9B026.

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
C9B026

Protanopia
C7B126

Deuteranopia
DEA72B



Tritanopia
D3A4B1

Trichromacy



Original Color
C9B026

Protanomaly
C8B126

Deuteranomaly
D6AA29

Tritanomaly
CFA87E

Monochromacy



Original Color
C9B026

Achromatopsia
A8A8A8

Achromatomaly
B4AB79

CSS Examples

Text

The CSS property to change the color of the text to Hex C9B026 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 #C9B026 looks like.

```
.text, #text, p{  
    color:#C9B026  
}
```

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 #C9B026 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #C9B026
}
```

Border

The CSS property to change the border of an element to Hex C9B026 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
#C9B026 }
```

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

```
.border{ border-color:#C9B026 }
```

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

Here you see how a box with a 4 pixel #C9B026 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #C9B026; -webkit-box-shadow:4px 4px  
4px 4px #C9B026; box-shadow:4px 4px 4px  
4px #C9B026 }
```

Background

The CSS property to change the background color of an element to Hex C9B026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#C9B026 }
```

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

```
.background{ background-color:#C9B026 }
```

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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