

Converting Colors

Hex(2C070A)

Have a look what the booklet for
Hex(2C070A) contains.

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Color

Hex(2C070A)

Conversions

Conversions Part 1

Format	Color
Hex	2C070A
RGB	44, 7, 10
RGB Percent	17%, 3%, 4%
CMY	0.8275, 0.9725, 0.9608
CMYK	0.00, 0.84, 0.77, 0.83
HSL	355°, 73%, 10%
HSV	355°, 84%, 17%
XYZ	1.1695, 0.7093, 0.3624
YIQ	18.4050, 21.0890, 8.7770

Conversions

Conversions Part 2

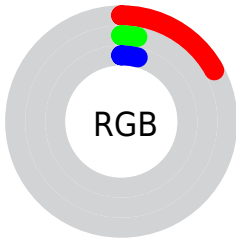
Format	Color
RYB	44, 7, 10
Decimal	2885386
CIELab	6.41, 18.85, 5.86
CIELCh	6, 19.738, 17.281
Yxy	0.7093, 0.5218, 0.3165
Android (android.graphics.Color)	4281075466 (0xFF2C070A)
YUV	18.4050, -4.1437, 22.4468
Hunter-Lab	8.4223, 10.0466, 3.3441

Details

The Hex color **2C070A** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **072C29**, and the grayscale version is **121212**.

A 20% lighter version of the original color is **5C3336**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0306**, and if you desaturate by 10%, it is **2C0B0E**.

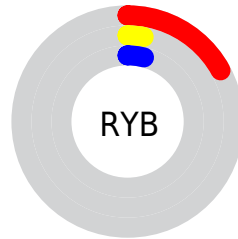
Distribution



Red (17%)

Green (3%)

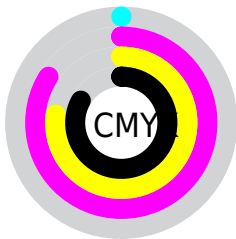
Blue (4%)



Red (17%)

Yellow (3%)

Blue (4%)

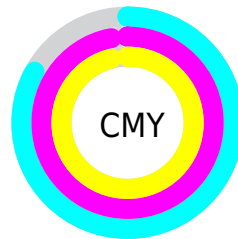


Cyan (0%)

Magenta (84%)

Yellow (77%)

Black (83%)



Cyan (83%)

Magenta (97%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C070A 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 2C070A by changing the saturation by 10% instead.

 2C070A

 2C070A

 FFE8EA

 090000

 5C3336

 000000

 754A4D

 906265

 AB7B7E

 C69598

 E3B0B2

 FFCBCE

 2C070A

 2C070A

■ 2C0306

■ 2C0B0E

■ 2C0004

■ 2C1012

■ 2C1416

■ 2C191A

■ 2C1D1E

■ 2C2122

■ 2C2626

■ 2C2A2A

■ 2C2F2E

Harmonies

Analogous

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



29081A



2C070A



290B00

Triad

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



2C070A



001A00



00182D

Complementary

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



2C070A



072C29

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.



001B27



2C070A



001C0C

Square

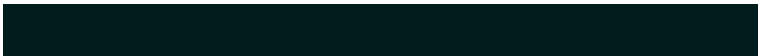
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C070A



131600



001C1C



09132D

Rectangle

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



2C070A



230F00



001C1C



00192C

Sweetspot

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



2C070A



382A2B



29072C



1C1414



9C9C9C



1C1C1C

Same Dimension

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



2C070A



380005



2C1607



171515



570007



D60011

Inverse Universe

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



2C070A



380005



071D2C



171515



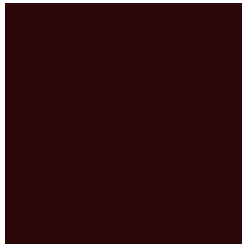
570007



D60011

Previews

White Background



This preview shows how the Hex color 2C070A looks on a white background.

Color Contrast Check

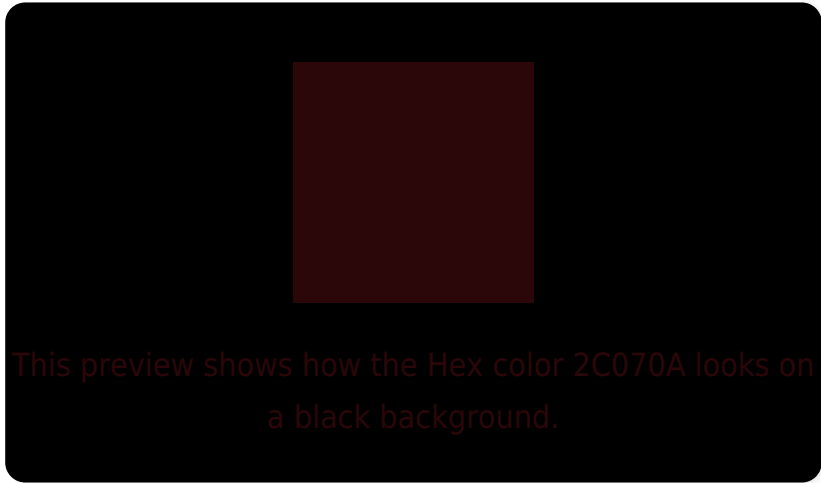
Large Text (above 18pt) WCAG AA ✓ Pass

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

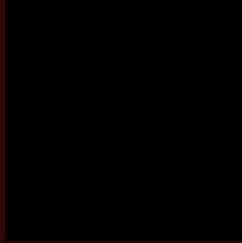
Any Text WCAG AA × Fail

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 2C070A Background



This preview shows how black text looks on a background with the Hex color 2C070A.



This preview shows how white text looks on a background with the Hex color 2C070A.

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
2C070A

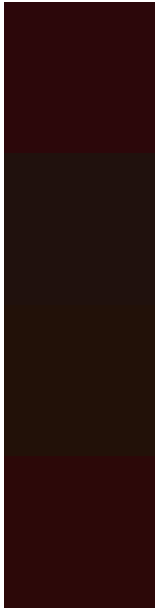
Protanopia
19170F

Deuteranopia
1D1607



Tritanopia
2C0807

Trichromacy



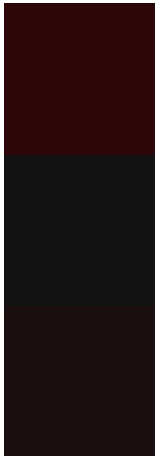
Original Color
2C070A

Protanomaly
20110D

Deuteranomaly
221108

Tritanomaly
2C0808

Monochromacy



Original Color
2C070A

Achromatopsia
121212

Achromatomaly
1B0E0F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C070A 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 #2C070A looks like.

```
.text, #text, p{  
    color:#2C070A  
}
```

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 #2C070A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C070A
}
```

Border

The CSS property to change the border of an element to Hex 2C070A 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".

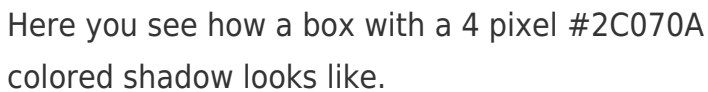
```
.border, #border, table{ border:4px solid
#2C070A }
```

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

```
.border{ border-color:#2C070A }
```

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

Here you see how a box with a 4 pixel #2C070A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #2C070A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C070A; -webkit-box-shadow:4px 4px  
4px 4px #2C070A; box-shadow:4px 4px 4px  
4px #2C070A }
```

Background

The CSS property to change the background color of an element to Hex 2C070A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C070A }
```

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

```
.background{ background-color:#2C070A }
```

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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