

Converting Colors

Hex(2C0C07)

Have a look what the booklet for
Hex(2C0C07) contains.

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Color

Hex(2C0C07)

Conversions

Conversions Part 1

Format	Color
Hex	2C0C07
RGB	44, 12, 7
RGB Percent	17%, 5%, 3%
CMY	0.8275, 0.9529, 0.9725
CMYK	0.00, 0.73, 0.84, 0.83
HSL	8°, 73%, 10%
HSV	8°, 84%, 17%
XYZ	1.2085, 0.8138, 0.2944
YIQ	20.9980, 20.6770, 5.2290

Conversions

Conversions Part 2

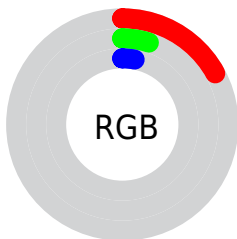
Format	Color
RYB	44, 13, 7
Decimal	2886663
CIELab	7.35, 16.05, 8.46
CIELCh	7, 18.146, 27.798
Yxy	0.8138, 0.5217, 0.3513
Android (android.graphics.Color)	4281076743 (0xFF2C0C07)
YUV	20.9980, -6.9010, 20.1728
Hunter-Lab	9.0208, 8.1273, 4.3797

Details

The Hex color **2C0C07** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **07272C**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5C3734**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0803**, and if you desaturate by 10%, it is **2C100B**.

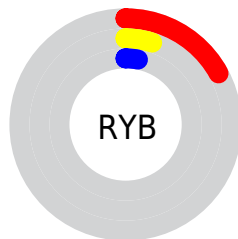
Distribution



Red (17%)

Green (5%)

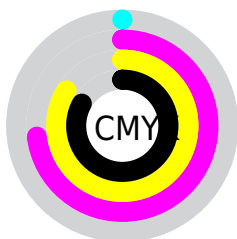
Blue (3%)



Red (17%)

Yellow (5%)

Blue (3%)

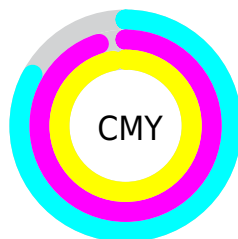


Cyan (0%)

Magenta (73%)

Yellow (84%)

Black (83%)



Cyan (83%)

Magenta (95%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0C07 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 2C0C07 by changing the saturation by 10% instead.

 2C0C07

 2C0C07

 FFECE8

 0C0000

 5C3734

 000000

 754E4B

 8F6663

 AA7F7C

 C69995

 E2B4B0

 FFD0CC

 2C0C07

 2C0C07

■ 2C0803

■ 2C100B

■ 2C0600

■ 2C1410

■ 2C1714

■ 2C1B19

■ 2C1F1D

■ 2C2321

■ 2C2726

■ 2C2A2A

■ 2C2E2F

Harmonies

Analogous

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



2B0B18



2C0C07



271000

Triad

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



2C0C07



001C03



00182E

Complementary

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



2C0C07



07272C

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.



001B2A



2C0C07



001D15

Square

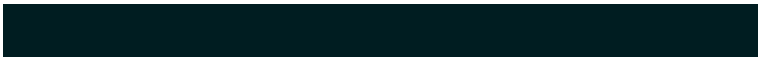
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C0C07



121900



001D21



15132B

Rectangle

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



2C0C07



211400



001D21



00192E

Sweetspot

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



2C0C07



382C2A



2C0727



1C1514



9C9C9C



1C1C1C

Same Dimension

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



2C0C07



380800



2C1E07



171515



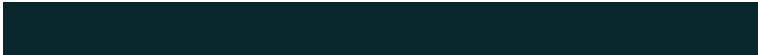
570C00



D61D00

Inverse Universe

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



07272C



003138



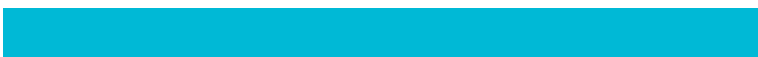
07152C



151717



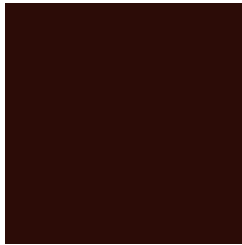
004B57



00B9D6

Previews

White Background



This preview shows how the Hex color 2C0C07 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

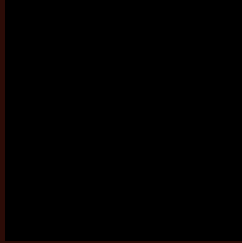
Any Text WCAG AA × Fail

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 2C0C07 Background



This preview shows how black text looks on a background with the Hex color 2C0C07.

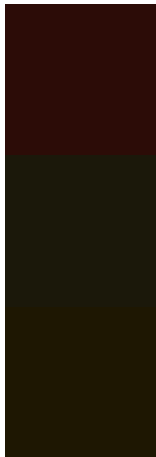


This preview shows how white text looks on a background with the Hex color 2C0C07.

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](#).

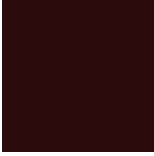
Dichromacy



Original Color
2C0C07

Protanopia
1B180A

Deuteranopia
1E1702



Trichromacy



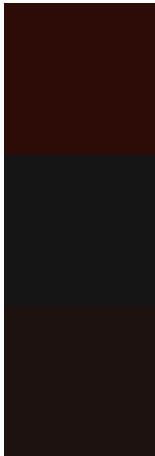
Original Color
2C0C07

Protanomaly
211409

Deuteranomaly
231304

Tritanomaly
2C0B0A

Monochromacy



Original Color
2C0C07

Achromatopsia
151515

Achromatomaly
1D1210

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0C07 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 #2C0C07 looks like.

```
.text, #text, p{  
    color:#2C0C07  
}
```

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 #2C0C07 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0C07
}
```

Border

The CSS property to change the border of an element to Hex 2C0C07 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
#2C0C07 }
```

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

```
.border{ border-color:#2C0C07 }
```

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

Here you see how a box with a 4 pixel #2C0C07 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0C07; -webkit-box-shadow:4px 4px  
4px 4px #2C0C07; box-shadow:4px 4px 4px  
4px #2C0C07 }
```

Background

The CSS property to change the background color of an element to Hex 2C0C07 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0C07 }
```

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

```
.background{ background-color:#2C0C07 }
```

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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