

Converting Colors

Hex(2C0100)

Have a look what the booklet for
Hex(2C0100) contains.

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Color

Hex(2C0100)

Conversions

Conversions Part 1

Format	Color
Hex	2C0100
RGB	44, 1, 0
RGB Percent	17%, 0%, 0%
CMY	0.8275, 0.9961, 1.0000
CMYK	0.00, 0.98, 1.00, 0.83
HSL	1°, 100%, 9%
HSV	1°, 100%, 17%
XYZ	1.0496, 0.5572, 0.0522
YIQ	13.7430, 25.9490, 8.8050

Conversions

Conversions Part 2

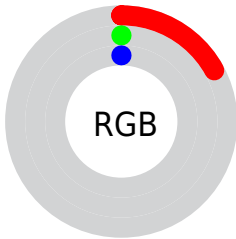
Format	Color
RYB	44, 1, 0
Decimal	2883840
CIELab	5.03, 20.68, 7.93
CIELCh	5, 22.151, 20.979
Yxy	0.5572, 0.6327, 0.3359
Android (android.graphics.Color)	4281073920 (0xFF2C0100)
YUV	13.7430, -6.7753, 26.5354
Hunter-Lab	7.4645, 12.0357, 4.8103

Details

The Hex color **2C0100** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002B2C**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **5B2E30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C0100**, and if you desaturate by 10%, it is **2C0504**.

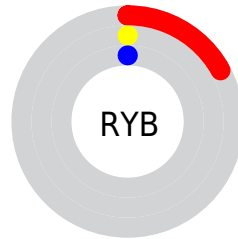
Distribution



Red (17%)

Green (0%)

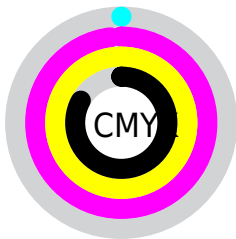
Blue (0%)



Red (17%)

Yellow (0%)

Blue (0%)

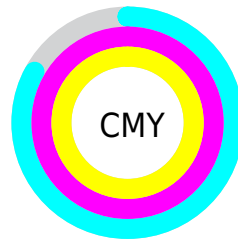


Cyan (0%)

Magenta (98%)

Yellow (100%)

Black (83%)



Cyan (83%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0100 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 2C0100 by changing the saturation by 10% instead.

 2C0100

 2C0100

 FFE2E2

 000000

 5B2E30

 754547

 8F5D5E

 AB7677

 C79091

 E3ABAB

 FFC6C6

 2C0100

■ 2C0504

■ 2C0A09

■ 2C0E0D

■ 2C1212

■ 2C1616

■ 2C1B1A

■ 2C1F1F

■ 2C2323

■ 2C2828

Harmonies

Analogous

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



290117



2C0100



260700

Triad

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



2C0100



001800



00152E

Complementary

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



2C0100



002B2C

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.



001928



2C0100



001A09

Square

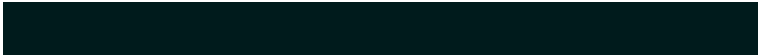
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



2C0100



081400



001B1C



080E2D

Rectangle

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



2C0100



200C00



001B1C



00162D

Sweetspot

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



2C0100



382827



2C002B



1C1212



9C9C9C



1C1C1C

Same Dimension

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



2C0100



380100



2C1700



171515



570200



D60500

Inverse Universe

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



002B2C



003738



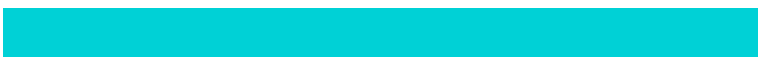
00152C



151717



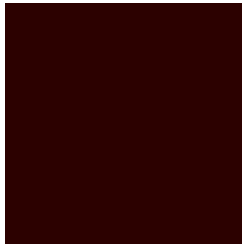
005557



00D1D6

Previews

White Background



This preview shows how the Hex color 2C0100 looks on a white background.

Color Contrast Check

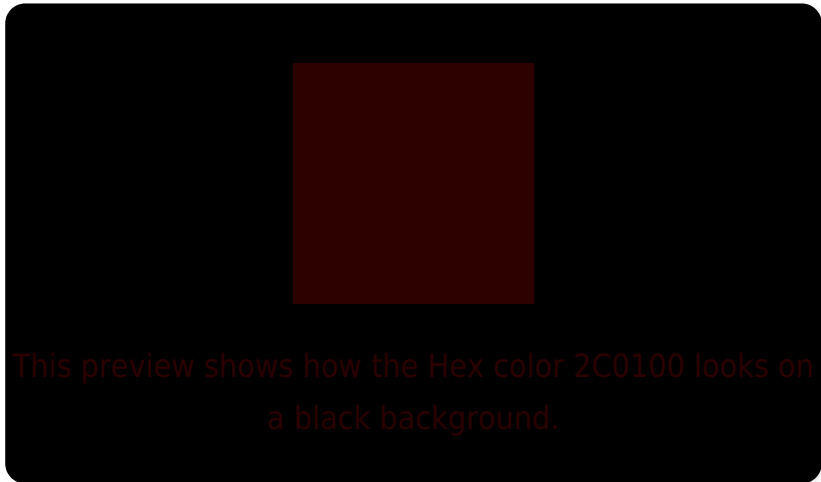
Large Text (above 18pt) WCAG AA ✓ Pass

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

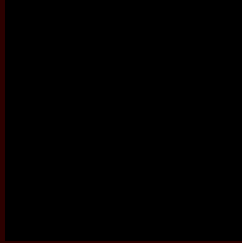
Any Text WCAG AA × Fail

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 2C0100 Background



This preview shows how black text looks on a background with the Hex color 2C0100.

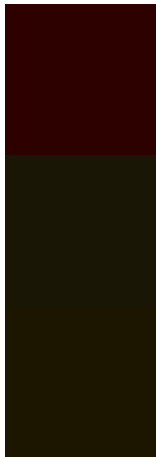


This preview shows how white text looks on a background with the Hex color 2C0100.

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](#).

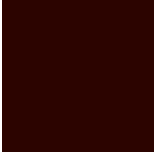
Dichromacy



Original Color
2C0100

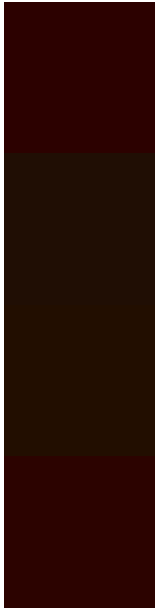
Protanopia
191606

Deuteranopia
1C1500



Tritanopia
2C0400

Trichromacy



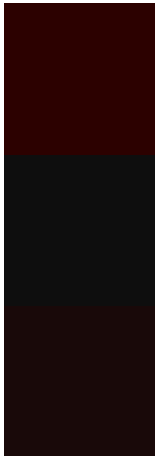
Original Color
2C0100

Protanomaly
200E04

Deuteranomaly
220E00

Tritanomaly
2C0300

Monochromacy



Original Color
2C0100

Achromatopsia
0E0E0E

Achromatomaly
190909

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0100 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 #2C0100 looks like.

```
.text, #text, p{  
    color:#2C0100  
}
```

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 #2C0100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0100
}
```

Border

The CSS property to change the border of an element to Hex 2C0100 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
#2C0100 }
```

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

```
.border{ border-color:#2C0100 }
```

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

Here you see how a box with a 4 pixel #2C0100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0100; -webkit-box-shadow:4px 4px  
4px 4px #2C0100; box-shadow:4px 4px 4px  
4px #2C0100 }
```

Background

The CSS property to change the background color of an element to Hex 2C0100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0100 }
```

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

```
.background{ background-color:#2C0100 }
```

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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