

Converting Colors

Hex(2C0820)

Have a look what the booklet for
Hex(2C0820) contains.

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Color

Hex(2C0820)

Conversions

Conversions Part 1

Format	Color
Hex	2C0820
RGB	44, 8, 32
RGB Percent	17%, 3%, 13%
CMY	0.8275, 0.9686, 0.8745
CMYK	0.00, 0.82, 0.27, 0.83
HSL	320°, 69%, 10%
HSV	320°, 82%, 17%
XYZ	1.3863, 0.8134, 1.4504
YIQ	21.5000, 13.7520, 15.0960

Conversions

Conversions Part 2

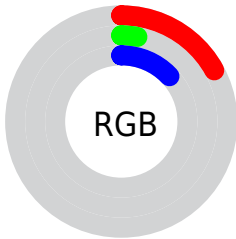
Format	Color
R_{YB}	44, 8, 32
Decimal	2885664
CIE _{Lab}	7.35, 21.53, -7.16
CIE _{LCh}	7, 22.685, 341.611
Yxy	0.8134, 0.3798, 0.2228
Android (android.graphics.Color)	4281075744 (0xFF2C0820)
YUV	21.5000, 5.1765, 19.7325
Hunter-Lab	9.0190, 11.6528, -3.2218

Details

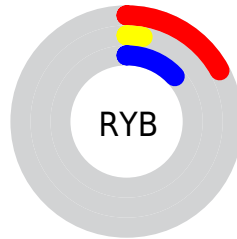
The Hex color **2C0820** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **082C14**, and the grayscale version is **151515**.

A 20% lighter version of the original color is **5B344C**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2C041F**, and if you desaturate by 10%, it is **2C0C21**.

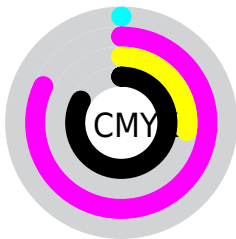
Distribution



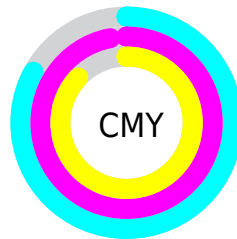
- Red (17%)
- Green (3%)
- Blue (13%)



- Red (17%)
- Yellow (3%)
- Blue (13%)



- Cyan (0%)
- Magenta (82%)
- Yellow (27%)
- Black (83%)



- Cyan (83%)
- Magenta (97%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0820 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 2C0820 by changing the saturation by 10% instead.

 2C0820

 2C0820

 FFEAFF

 140007

 5B344C

 000000

 744B64

 8E637D

 A97D97

 C597B1

 E1B2CD

 FECDE9

 2C0820

 2C0820

■ 2C041F

■ 2C0C21

■ 2C001D

■ 2C1123

■ 2C1524

■ 2C1A26

■ 2C1E27

■ 2C2229

■ 2C272A

■ 2C2B2C

■ 2C302D

Harmonies

Analogous

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



1E0F2D



2C0820



310610

Triad

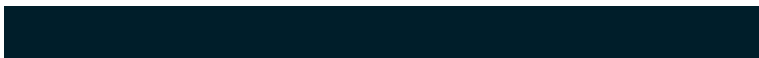
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0820



181700



001E2A

Complementary

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



2C0820



082C14

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.



001F1C



2C0820



021C00

Square

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



2C0820



251200



001E08



001B33

Rectangle

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



2C0820



300800



001E08



001E25

Sweetspot

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



2C0820



382A33



14082C



1C1419



9C9C9C



1C1C1C

Same Dimension

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



2C0820



380126



2C080E



171516



57003A



D6008F

Inverse Universe

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



2C0820



380126



082C26



171516



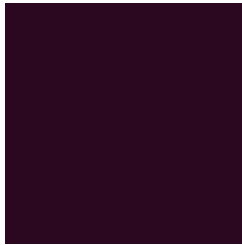
57003A



D6008F

Previews

White Background



This preview shows how the Hex color 2C0820 looks on a white background.

Color Contrast Check

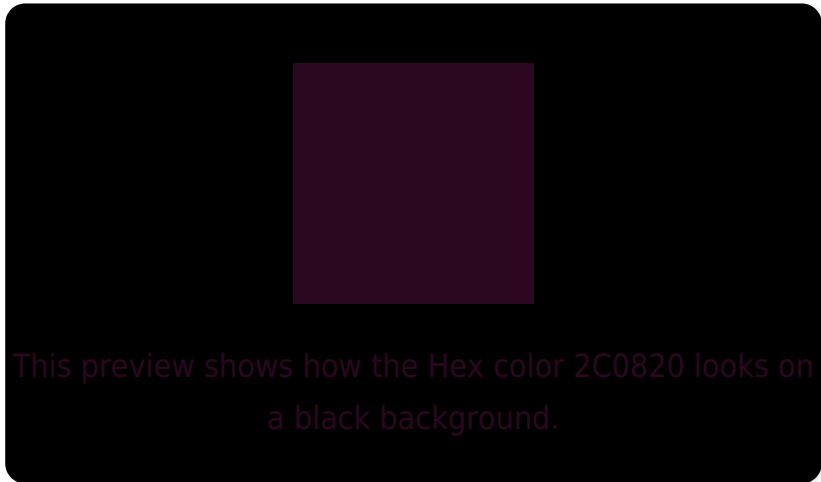
Large Text (above 18pt) WCAG AA ✓ Pass

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

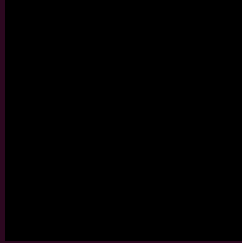
Any Text WCAG AA × Fail

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 2C0820 Background



This preview shows how black text looks on a background with the Hex color 2C0820.



This preview shows how white text looks on a background with the Hex color 2C0820.

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
2C0820

Protanopia
0F182C

Deuteranopia
18181E

Trichromacy



Original Color
2C0820

Protanomaly
1A1228

Deuteranomaly
1F121F

Tritanomaly
2B0C15

Monochromacy



Original Color
2C0820

Achromatopsia
161616

Achromatomaly
1E111A

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0820 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 #2C0820 looks like.

```
.text, #text, p{  
    color:#2C0820  
}
```

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 #2C0820 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0820
}
```

Border

The CSS property to change the border of an element to Hex 2C0820 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".

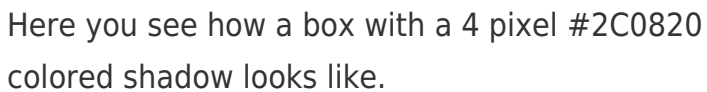
```
.border, #border, table{ border:4px solid
#2C0820 }
```

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

```
.border{ border-color:#2C0820 }
```

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

Here you see how a box with a 4 pixel #2C0820 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top and left sides, and a thicker dark purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0820; -webkit-box-shadow:4px 4px  
4px 4px #2C0820; box-shadow:4px 4px 4px  
4px #2C0820 }
```

Background

The CSS property to change the background color of an element to Hex 2C0820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0820 }
```

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

```
.background{ background-color:#2C0820 }
```

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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