

Converting Colors

Hex(2C0934)

Have a look what the booklet for
Hex(2C0934) contains.

| | |
|--|----|
| Hex(2C0934) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(2C0934)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 2C0934 |
| RGB | 44, 9, 52 |
| RGB Percent | 17%, 4%, 20% |
| CMY | 0.8275, 0.9647, 0.7961 |
| CMYK | 0.15, 0.83, 0.00, 0.80 |
| HSL | 289°, 70%, 12% |
| HSV | 289°, 83%, 20% |
| XYZ | 1.7562, 0.9788, 3.3452 |
| YIQ | 24.3670, 7.0570, 20.7930 |

Conversions

Conversions Part 2

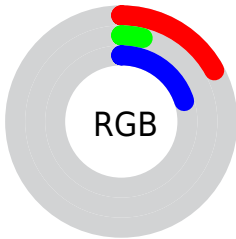
| Format | Color |
|-------------------------------------|---|
| RYB | 44, 9, 52 |
| Decimal | 2885940 |
| CIELab | 8.81, 25.23, -19.86 |
| CIELCh | 9, 32.108, 321.796 |
| Yxy | 0.9788, 0.2888, 0.1610 |
| Android (android.graphics.Color) | 4281076020 (0xFF2C0934) |
| YUV | 24.3670, 13.6231, 17.2181 |
| Hunter-Lab | 9.8933, 14.3733, -13.1220 |

Details

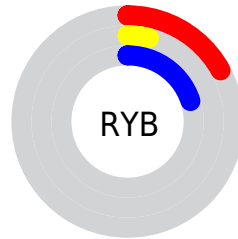
The Hex color **2C0934** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **113409**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **5C3663**, and **000001** is the 20% darker color. If you saturate the color by 10%, you get **2B0434**, and if you desaturate by 10%, it is **2D0E34**.

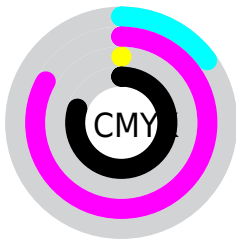
Distribution



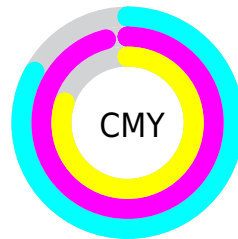
- Red (17%)
- Green (4%)
- Blue (20%)



- Red (17%)
- Yellow (4%)
- Blue (20%)



- Cyan (15%)
- Magenta (83%)
- Yellow (0%)
- Black (80%)



- Cyan (83%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0934 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 2C0934 by changing the saturation by 10% instead.

 2C0934

 2C0934

 FFECFF

 19001F

 5C3663

 000001


 754D7C

 000000

 8F6696

 AA7FB1

 C599CC

 E1B4E8

 FED0FF

 2C0934

 2C0934

■ 2B0434

■ 2D0E34

■ 2A0034

■ 2E1334

■ 2F1934

■ 301E34

■ 312334

■ 322834

■ 332D34

■ 343334

■ 353834

Harmonies

Analogous

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



011642



2C0934



3B0020

Triad

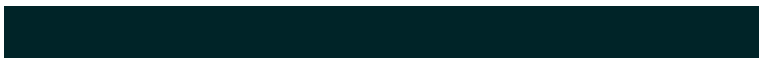
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0934



261600



002428

Complementary

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



2C0934



113409

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.



002312



2C0934



111D00

Square

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



2C0934



350B00



002100



00223B

Rectangle

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



2C0934



3D0011



002100



002421

Sweetspot

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



2C0934



423445



091234



221924



A3A3A3



242424

Same Dimension

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



2C0934



380145



340927



19171A



490059



B000D9

Inverse Universe

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



340911



45010D



093416



1A1717



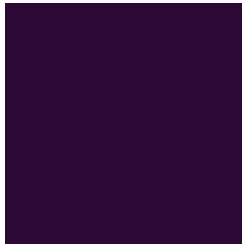
590011



D90028

Previews

White Background



This preview shows how the Hex color 2C0934 looks on a white background.

Color Contrast Check

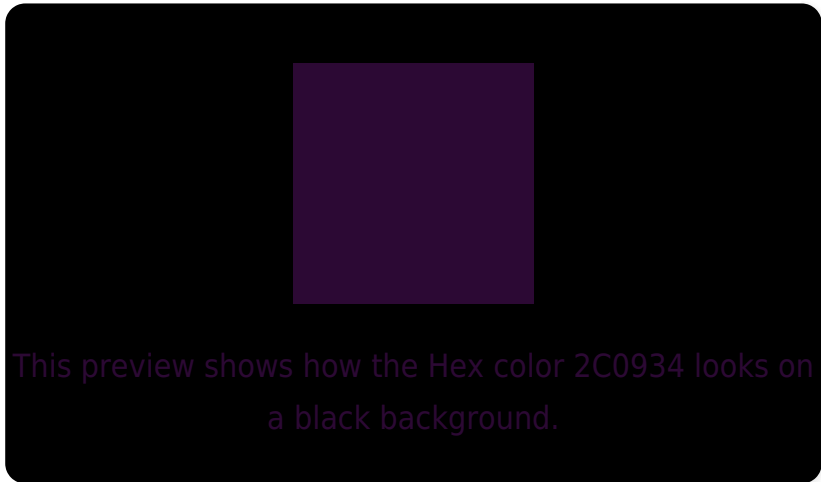
Large Text (above 18pt) WCAG AA ✓ Pass

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

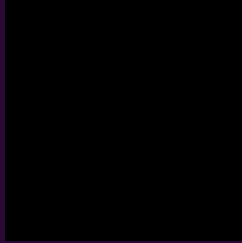
Any Text WCAG AA × Fail

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 2C0934 Background



This preview shows how black text looks on a background with the Hex color 2C0934.



This preview shows how white text looks on a background with the Hex color 2C0934.

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
2C0934

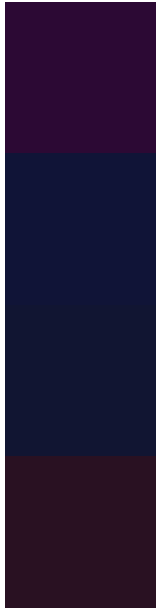
Protanopia
001A38

Deuteranopia
021C31



Tritanopia
281617

Trichromacy



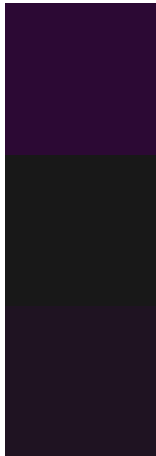
Original Color
2C0934

Protanomaly
101437

Deuteranomaly
111532

Tritanomaly
291122

Monochromacy



Original Color
2C0934

Achromatopsia
181818

Achromatomaly
1F1322

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0934 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 #2C0934 looks like.

```
.text, #text, p{  
    color:#2C0934  
}
```

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 #2C0934 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0934
}
```

Border

The CSS property to change the border of an element to Hex 2C0934 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
#2C0934 }
```

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

```
.border{ border-color:#2C0934 }
```

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

Here you see how a box with a 4 pixel #2C0934 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0934; -webkit-box-shadow:4px 4px  
4px 4px #2C0934; box-shadow:4px 4px 4px  
4px #2C0934 }
```

Background

The CSS property to change the background color of an element to Hex 2C0934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0934 }
```

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

```
.background{ background-color:#2C0934 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor