

Converting Colors

Hex(2C1647)

Have a look what the booklet for
Hex(2C1647) contains.

Hex(2C1647)	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(2C1647)

Conversions

Conversions Part 1

Format	Color
Hex	2C1647
RGB	44, 22, 71
RGB Percent	17%, 9%, 28%
CMY	0.8275, 0.9137, 0.7216
CMYK	0.38, 0.69, 0.00, 0.72
HSL	267°, 53%, 18%
HSV	267°, 69%, 28%
XYZ	2.4629, 1.5642, 6.1333
YIQ	34.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

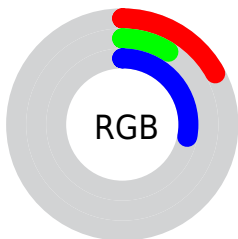
Format	Color
RYB	44, 22, 71
Decimal	2889287
CIELab	13.01, 22.91, -26.65
CIELCh	13, 35.145, 310.690
Yxy	1.5642, 0.2424, 0.1540
Android (android.graphics.Color)	4281079367 (0xFF2C1647)
YUV	34.1640, 18.1601, 8.6262
Hunter-Lab	12.5069, 13.2644, -20.3208

Details

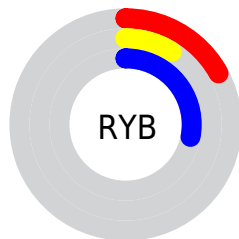
The Hex color **2C1647** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **314716**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **5C4278**, and **00011B** is the 20% darker color. If you saturate the color by 10%, you get **280F47**, and if you desaturate by 10%, it is **301D47**.

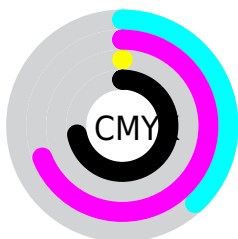
Distribution



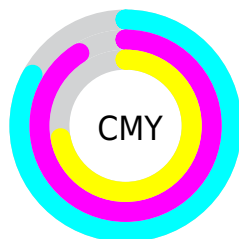
- Red (17%)
- Green (9%)
- Blue (28%)



- Red (17%)
- Yellow (9%)
- Blue (28%)



- Cyan (38%)
- Magenta (69%)
- Yellow (0%)
- Black (72%)



- Cyan (83%)
- Magenta (91%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1647 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 2C1647 by changing the saturation by 10% instead.

■ 2C1647

■ 2C1647

■ FFFBFF

■ 180030

■ 5C4278

■ 00011B

■ 755A92

■ 000000

■ 9073AD

■ AA8CC8

■ C6A7E4

■ E2C2FF

■ FFDEFF

■ 2C1647

■ 2C1647

■ 280F47

■ 301D47

■ 240847

■ 342447

■ 200147

■ 382B47

■ 200047

■ 3C3247

■ 403A47

■ 434147

■ 474847

■ 4B4F47

■ 4F5647

Harmonies

Analogous

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



002252



2C1647



440532

Triad

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



2C1647



371A00



002C2A

Complementary

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



2C1647



314716

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.



002B10



2C1647



232300

Square

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



2C1647



460C00



072800



002B41

Rectangle

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



2C1647



4A0022



072800



002C21

Sweetspot

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



2C1647



51495C



163247



28222E



ADADAD



2E2E2E

Same Dimension

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



2C1647



32105C



441647



222024



2D0063



6600E3

Inverse Universe

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



471631



5C103A



194716



242022



630037



E3007D

Previews

White Background



This preview shows how the Hex color 2C1647 looks on a white background.

Color Contrast Check

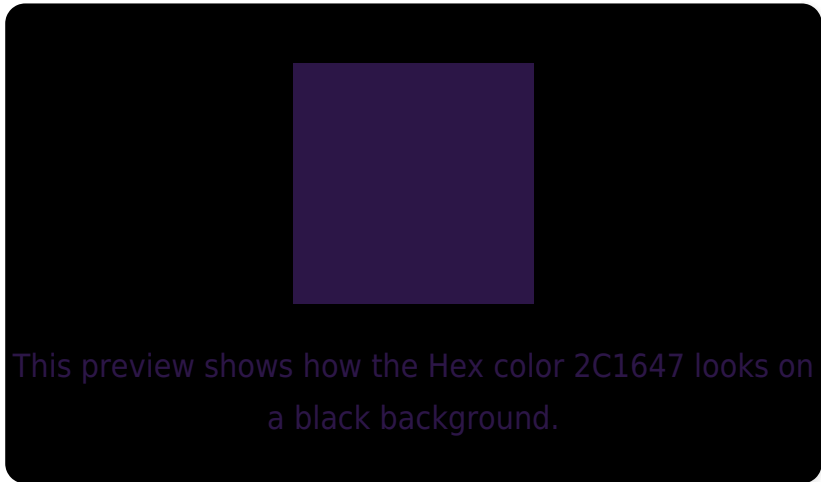
Large Text (above 18pt) WCAG AA ✓ Pass

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

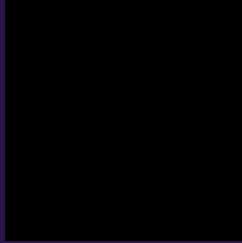
Any Text WCAG AA × Fail

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 2C1647 Background



This preview shows how black text looks on a background with the Hex color 2C1647.



This preview shows how white text looks on a background with the Hex color 2C1647.

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
2C1647

Protanopia
002146

Deuteranopia
00233D



Tritanopia
252124

Trichromacy



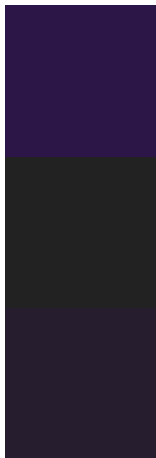
Original Color
2C1647

Protanomaly
101D46

Deuteranomaly
101E41

Tritanomaly
281D31

Monochromacy



Original Color
2C1647

Achromatopsia
222222

Achromatomaly
261E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1647 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 #2C1647 looks like.

```
.text, #text, p{  
    color:#2C1647  
}
```

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 #2C1647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1647
}
```

Border

The CSS property to change the border of an element to Hex 2C1647 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
#2C1647 }
```

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

```
.border{ border-color:#2C1647 }
```

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

Here you see how a box with a 4 pixel #2C1647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1647; -webkit-box-shadow:4px 4px  
4px 4px #2C1647; box-shadow:4px 4px 4px  
4px #2C1647 }
```

Background

The CSS property to change the background color of an element to Hex 2C1647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1647 }
```

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

```
.background{ background-color:#2C1647 }
```

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