

Converting Colors

Hex(2C1346)

Have a look what the booklet for
Hex(2C1346) contains.

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Color

Hex(2C1346)

Conversions

Conversions Part 1

Format	Color
Hex	2C1346
RGB	44, 19, 70
RGB Percent	17%, 7%, 27%
CMY	0.8275, 0.9255, 0.7255
CMYK	0.37, 0.73, 0.00, 0.73
HSL	269°, 57%, 17%
HSV	269°, 73%, 27%
XYZ	2.3771, 1.4434, 5.9477
YIQ	32.2890, -1.4710, 21.1610

Conversions

Conversions Part 2

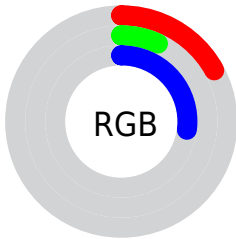
Format	Color
R_{YB}	44, 19, 70
Decimal	2888518
CIE _{Lab}	12.24, 24.48, -27.19
CIE _{LCh}	12, 36.585, 311.997
Yxy	1.4434, 0.2433, 0.1478
Android (android.graphics.Color)	4281078598 (0xFF2C1346)
YUV	32.2890, 18.5915, 10.2705
Hunter-Lab	12.0142, 14.2922, -20.9417

Details

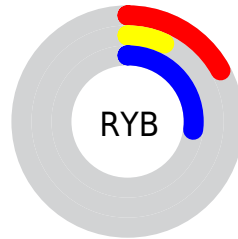
The Hex color **2C1346** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2D4613**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5C3F77**, and **00011A** is the 20% darker color. If you saturate the color by 10%, you get **280C46**, and if you desaturate by 10%, it is **301A46**.

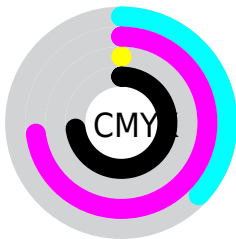
Distribution



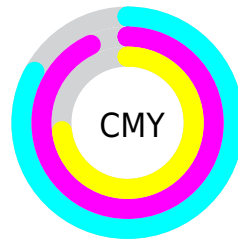
- Red (17%)
- Green (7%)
- Blue (27%)



- Red (17%)
- Yellow (7%)
- Blue (27%)



- Cyan (37%)
- Magenta (73%)
- Yellow (0%)
- Black (73%)



- Cyan (83%)
- Magenta (93%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C1346 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 2C1346 by changing the saturation by 10% instead.

 2C1346

 2C1346

 FFF7FF

 19002F

 5C3F77

 00011A

 765791

 000000

 9070AB

 AB89C7

 C6A4E3

 E3BFFF

 FFDBFF

 2C1346

 2C1346

■ 280C46

■ 301A46

■ 250546

■ 332146

■ 220046

■ 372846

■ 3A2F46

■ 3E3646

■ 413D46

■ 454446

■ 494B46

■ 4C5246

Harmonies

Analogous

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



002052



2C1346



440030

Triad

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



2C1346



351900



002B2A

Complementary

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



2C1346



2D4613

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.



002A0E



2C1346



202200

Square

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



2C1346



450900



012700



002A42

Rectangle

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



2C1346



4A0020



012700



002B21

Sweetspot

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



2C1346



52485C



132D46



28222E



ADADAD



2E2E2E

Same Dimension

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



2C1346



330C5C



451346



222024



310063



6F00E3

Inverse Universe

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



46132D



5C0C35



144613



242022



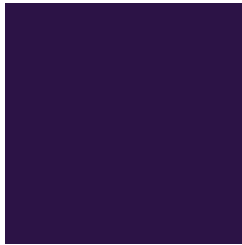
630033



E30074

Previews

White Background



This preview shows how the Hex color 2C1346 looks on a white background.

Color Contrast Check

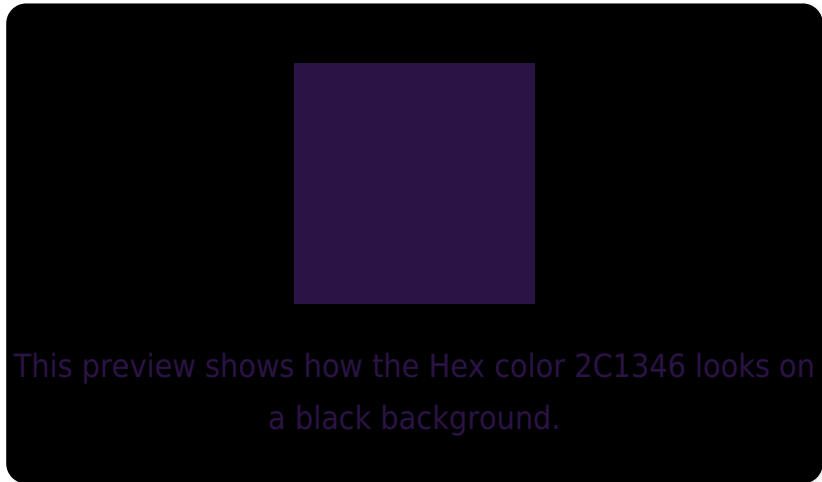
Large Text (above 18pt) WCAG AA ✓ Pass

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

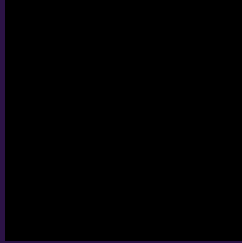
Any Text WCAG AA × Fail

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 2C1346 Background



This preview shows how black text looks on a background with the Hex color 2C1346.



This preview shows how white text looks on a background with the Hex color 2C1346.

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
2C1346

Protanopia
002043

Deuteranopia
00223B

Trichromacy



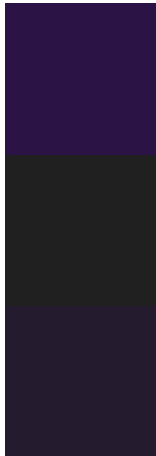
Original Color
2C1346

Protanomaly
101B44

Deuteranomaly
101D3F

Tritanomaly
281B2F

Monochromacy



Original Color
2C1346

Achromatopsia
202020

Achromatomaly
241B2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C1346 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 #2C1346 looks like.

```
.text, #text, p{  
    color:#2C1346  
}
```

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 #2C1346 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C1346
}
```

Border

The CSS property to change the border of an element to Hex 2C1346 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
#2C1346 }
```

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

```
.border{ border-color:#2C1346 }
```

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

Here you see how a box with a 4 pixel #2C1346 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C1346; -webkit-box-shadow:4px 4px  
4px 4px #2C1346; box-shadow:4px 4px 4px  
4px #2C1346 }
```

Background

The CSS property to change the background color of an element to Hex 2C1346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C1346 }
```

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

```
.background{ background-color:#2C1346 }
```

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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