

Converting Colors

Hex(2C0438)

Have a look what the booklet for
Hex(2C0438) contains.

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Color

Hex(2C0438)

Conversions

Conversions Part 1

Format	Color
Hex	2C0438
RGB	44, 4, 56
RGB Percent	17%, 2%, 22%
CMY	0.8275, 0.9843, 0.7804
CMYK	0.21, 0.93, 0.00, 0.78
HSL	286°, 87%, 12%
HSV	286°, 93%, 22%
XYZ	1.7959, 0.9078, 3.8220
YIQ	21.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

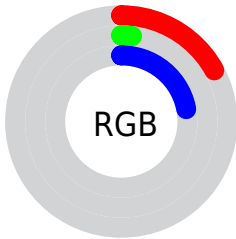
Format	Color
RYB	44, 4, 56
Decimal	2884664
CIELab	8.20, 28.87, -23.76
CIElCh	8, 37.391, 320.542
Yxy	0.9078, 0.2752, 0.1391
Android (android.graphics.Color)	4281074744 (0xFF2C0438)
YUV	21.8880, 16.8172, 19.3922
Hunter-Lab	9.5280, 16.9714, -17.1133

Details

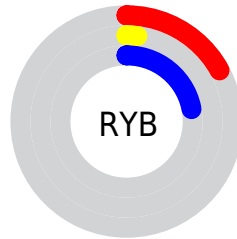
The Hex color **2C0438** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **103804**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **5C3267**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **2B0038**, and if you desaturate by 10%, it is **2D0A38**.

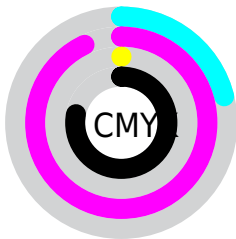
Distribution



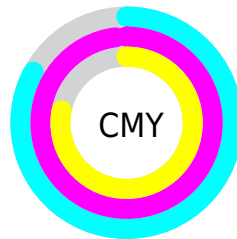
- Red (17%)
- Green (2%)
- Blue (22%)



- Red (17%)
- Yellow (2%)
- Blue (22%)



- Cyan (21%)
- Magenta (93%)
- Yellow (0%)
- Black (78%)



- Cyan (83%)
- Magenta (98%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C0438 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 2C0438 by changing the saturation by 10% instead.

 2C0438

 2C0438

 FFE8FF

 180023

 5C3267

 000008

 764981

 000000

 90629B

 AB7BB6

 C695D1

 E3B0EE

 FFCCFF

 2C0438

 2C0438

■ 2B0038

■ 2D0A38

■ 2F0F38

■ 301538

■ 311A38

■ 322038

■ 342638

■ 352B38

■ 363138

■ 383638

Harmonies

Analogous

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



001547



2C0438



3E0021

Triad

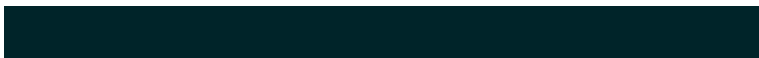
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2C0438



261400



002429

Complementary

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



2C0438



103804

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.



00240D



2C0438



0C1C00

Square

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



2C0438



370500



002100



00223E

Rectangle

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



2C0438



41000F



002100



002420

Sweetspot

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



2C0438



45354A



041038



231926



A6A6A6



262626

Same Dimension

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



2C0438



39004A



38042A



1B191C



47005C



A900DB

Inverse Universe

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



380410



4A0011



043812



1C191A



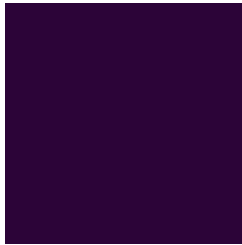
5C0015



DB0033

Previews

White Background



This preview shows how the Hex color 2C0438 looks on a white background.

Color Contrast Check

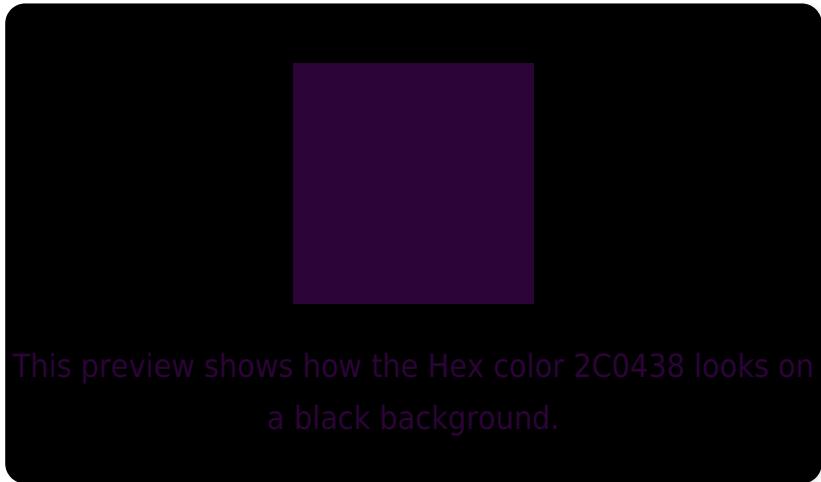
Large Text (above 18pt) WCAG AA ✓ Pass

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

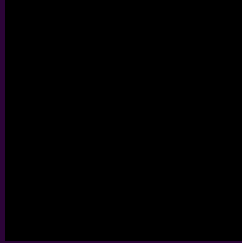
Any Text WCAG AA × Fail

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 2C0438 Background



This preview shows how black text looks on a background with the Hex color 2C0438.



This preview shows how white text looks on a background with the Hex color 2C0438.

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
2C0438

Protanopia
001A37

Deuteranopia
001C31



Tritanopia
271618

Trichromacy



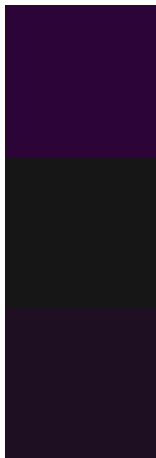
Original Color
2C0438

Protanomaly
101237

Deuteranomaly
101334

Tritanomaly
290F24

Monochromacy



Original Color
2C0438

Achromatopsia
161616

Achromatomaly
1E0F22

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C0438 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 #2C0438 looks like.

```
.text, #text, p{  
    color:#2C0438  
}
```

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 #2C0438 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C0438
}
```

Border

The CSS property to change the border of an element to Hex 2C0438 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
#2C0438 }
```

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

```
.border{ border-color:#2C0438 }
```

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

Here you see how a box with a 4 pixel #2C0438 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C0438; -webkit-box-shadow:4px 4px  
4px 4px #2C0438; box-shadow:4px 4px 4px  
4px #2C0438 }
```

Background

The CSS property to change the background color of an element to Hex 2C0438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C0438 }
```

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

```
.background{ background-color:#2C0438 }
```

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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