

Converting Colors

Hex(2C138F)

Have a look what the booklet for
Hex(2C138F) contains.

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Color

Hex(2C138F)

Conversions

Conversions Part 1

Format	Color
Hex	2C138F
RGB	44, 19, 143
RGB Percent	17%, 7%, 56%
CMY	0.8275, 0.9255, 0.4392
CMYK	0.69, 0.87, 0.00, 0.44
HSL	252°, 77%, 32%
HSV	252°, 87%, 56%
XYZ	6.2295, 2.9844, 26.2343
YIQ	40.6110, -24.9040, 43.8640

Conversions

Conversions Part 2

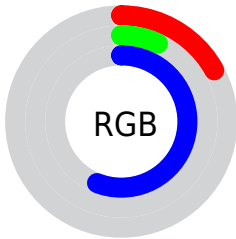
Format	Color
R_{YB}	44, 19, 143
Decimal	2888591
CIE _{Lab}	19.98, 46.50, -62.41
CIE _{LCh}	20, 77.833, 306.687
Yxy	2.9844, 0.1757, 0.0842
Android (android.graphics.Color)	4281078671 (0xFF2C138F)
YUV	40.6110, 50.4778, 2.9722
Hunter-Lab	17.2754, 34.1352, -77.9448

Details

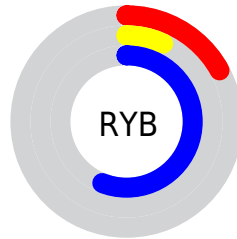
The Hex color **2C138F** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **768F13**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6944C6**, and **00005B** is the 20% darker color. If you saturate the color by 10%, you get **21058F**, and if you desaturate by 10%, it is **37218F**.

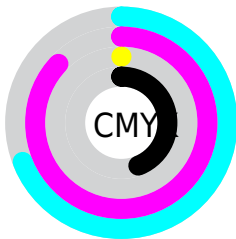
Distribution



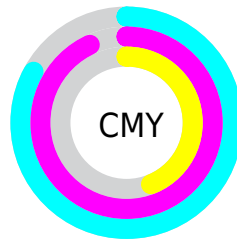
- Red (17%)
- Green (7%)
- Blue (56%)



- Red (17%)
- Yellow (7%)
- Blue (56%)



- Cyan (69%)
- Magenta (87%)
- Yellow (0%)
- Black (44%)



- Cyan (83%)
- Magenta (93%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C138F 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 2C138F by changing the saturation by 10% instead.

■ 2C138F

■ 2C138F

FFFFFF

■ 000075

■ 6944C6

■ 00005B

■ 865DE3

■ 000543

■ A376FF

■ 00032B

■ C091FF

■ 000116

■ DEACFF

■ 000000

■ FCC8FF

■ FFE4FF

■ 2C138F

■ 2C138F

■ 21058F

■ 37218F

■ 1D008F

■ 43308F

■ 4E3E8F

■ 5A4C8F

■ 655B8F

■ 71698F

■ 7C778F

■ 87858F

■ 93948F

Harmonies

Analogous

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



0037A7



2C138F



78005F

Triad

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



2C138F



5E1700



00433C

Complementary

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



2C138F



768F13

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.



004100



2C138F



313300

Square

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



2C138F



7E0000



003D00



004475

Rectangle

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



2C138F



88003A



003D00



004228

Sweetspot

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



2C138F



948ABA



13768F



47415E



DEDEDE



5E5E5E

Same Dimension

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



2C138F



2600BA



6A138F



424047



1B0087



020008

Inverse Universe

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



8F1376



BA0095



388F13



474046



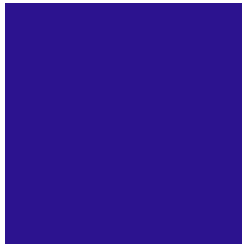
87006C



080006

Previews

White Background



This preview shows how the Hex color 2C138F looks on a white background.

Color Contrast Check

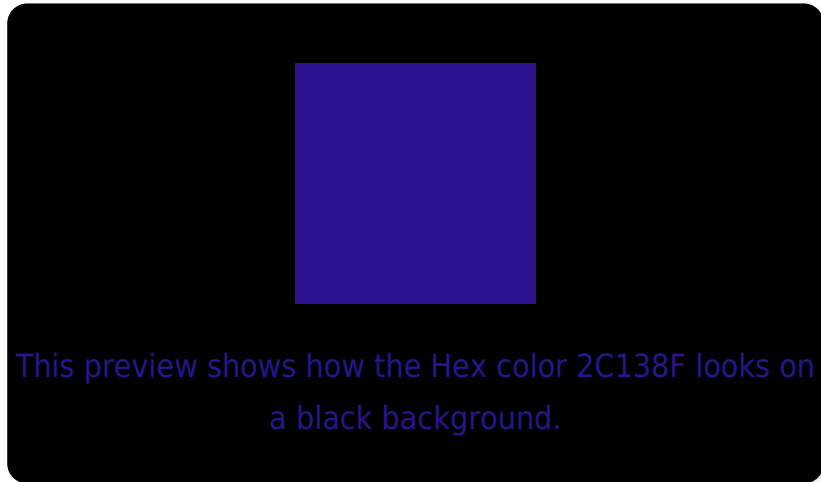
Large Text (above 18pt) WCAG AA ✓ Pass

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

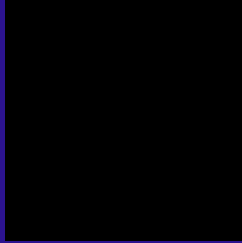
Any Text WCAG AA × Fail

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 2C138F Background



This preview shows how black text looks on a background with the Hex color 2C138F.



This preview shows how white text looks on a background with the Hex color 2C138F.

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
2C138F

Protanopia
003064

Deuteranopia
003355



Tritanopia
00373A

Trichromacy



Original Color
2C138F

Protanomaly
102574

Deuteranomaly
10276A

Tritanomaly
102A59

Monochromacy



Original Color
2C138F

Achromatopsia
292929

Achromatomaly
2A214E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C138F 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 #2C138F looks like.

```
.text, #text, p{  
    color:#2C138F  
}
```

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 #2C138F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C138F
}
```

Border

The CSS property to change the border of an element to Hex 2C138F 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
#2C138F }
```

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

```
.border{ border-color:#2C138F }
```

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

Here you see how a box with a 4 pixel #2C138F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C138F; -webkit-box-shadow:4px 4px  
4px 4px #2C138F; box-shadow:4px 4px 4px  
4px #2C138F }
```

Background

The CSS property to change the background color of an element to Hex 2C138F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C138F }
```

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

```
.background{ background-color:#2C138F }
```

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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