

Converting Colors

Hex(2A1138)

Have a look what the booklet for
Hex(2A1138) contains.

Hex(2A1138)	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>	28

Color

Hex(2A1138)

Conversions

Conversions Part 1

Format	Color
Hex	2A1138
RGB	42, 17, 56
RGB Percent	16%, 7%, 22%
CMY	0.8353, 0.9333, 0.7804
CMYK	0.25, 0.70, 0.00, 0.78
HSL	278°, 53%, 14%
HSV	278°, 70%, 22%
XYZ	1.8691, 1.1787, 3.8704
YIQ	28.9210, 2.3810, 17.4290

Conversions

Conversions Part 2

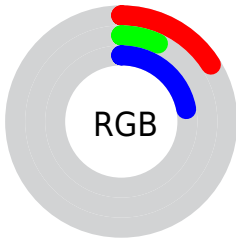
Format	Color
R_{YB}	42, 17, 56
Decimal	2756920
CIE _{Lab}	10.40, 21.17, -20.24
CIE _{LCh}	10, 29.292, 316.281
Yxy	1.1787, 0.2702, 0.1704
Android (android.graphics.Color)	4280947000 (0xFF2A1138)
YUV	28.9210, 13.3499, 11.4703
Hunter-Lab	10.8566, 11.7319, -13.5372

Details

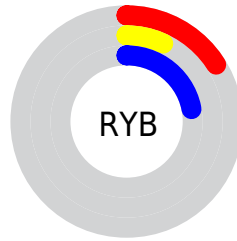
The Hex color **2A1138** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **1F3811**, and the grayscale version is **1D1D1D**.

A 20% lighter version of the original color is **593D67**, and **000009** is the 20% darker color. If you saturate the color by 10%, you get **280B38**, and if you desaturate by 10%, it is **2C1738**.

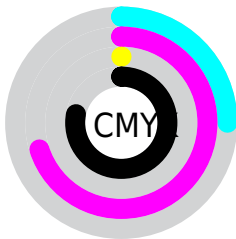
Distribution



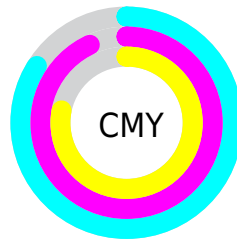
- Red (16%)
- Green (7%)
- Blue (22%)



- Red (16%)
- Yellow (7%)
- Blue (22%)



- Cyan (25%)
- Magenta (70%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (93%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1138 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 2A1138 by changing the saturation by 10% instead.

■ 2A1138

■ 2A1138

■ FFF4FF

■ 190023

■ 593D67

■ 000009

■ 725480

■ 000000

■ 8C6D9B

■ A686B5

■ C2A0D1

■ DEBBED

■ FBD7FF

■ 2A1138

■ 2A1138

■ 280B38

■ 2C1738

■ 260638

■ 2E1C38

■ 240038

■ 302238

■ 322738

■ 342D38

■ 363338

■ 383838

■ 3A3E38

■ 3C4338

Harmonies

Analogous

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



001B43



2A1138



3A0626

Triad

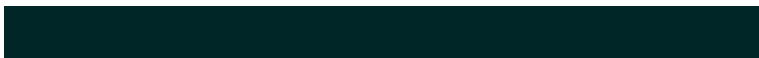
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A1138



2C1800



002627

Complementary

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



2A1138



1F3811

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.



002512



2A1138



1B1F00

Square

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



2A1138



390E00



022300



002439

Rectangle

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



2A1138



3E0319



022300



002620

Sweetspot

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



2A1138



443A4A



111F38



231D26



A6A6A6



262626

Same Dimension

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



2A1138



340C4A



381133



1B191C



3B005C



8D00DB

Inverse Universe

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



38111F



4A0C22



113816



1C191A



5C0021



DB004F

Previews

White Background



This preview shows how the Hex color 2A1138 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

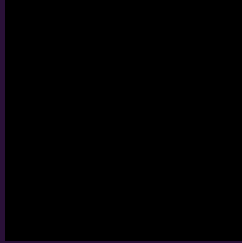
Any Text WCAG AA × Fail

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 2A1138 Background



This preview shows how black text looks on a background with the Hex color 2A1138.



This preview shows how white text looks on a background with the Hex color 2A1138.

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
2A1138

Protanopia
001C3C

Tritanopia
251A1C

Trichromacy

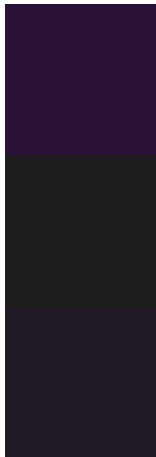


Original Color
2A1138

Protanomaly
0F183B

Tritanomaly
271726

Monochromacy



Original Color
2A1138

Achromatopsia
1D1D1D

Achromatomaly
221927

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1138 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 #2A1138 looks like.

```
.text, #text, p{  
    color:#2A1138  
}
```

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 #2A1138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1138
}
```

Border

The CSS property to change the border of an element to Hex 2A1138 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
#2A1138 }
```

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

```
.border{ border-color:#2A1138 }
```

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

Here you see how a box with a 4 pixel #2A1138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1138; -webkit-box-shadow:4px 4px  
4px 4px #2A1138; box-shadow:4px 4px 4px  
4px #2A1138 }
```

Background

The CSS property to change the background color of an element to Hex 2A1138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1138 }
```

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

```
.background{ background-color:#2A1138 }
```

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