

Converting Colors

Hex(2A0038)

Have a look what the booklet for
Hex(2A0038) contains.

| | |
|--|----|
| Hex(2A0038) | 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(2A0038)

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 2A0038 |
| RGB | 42, 0, 56 |
| RGB Percent | 16%, 0%, 22% |
| CMY | 0.8353, 1.0000, 0.7804 |
| CMYK | 0.25, 1.00, 0.00, 0.78 |
| HSL | 285°, 100%, 11% |
| HSV | 285°, 100%, 22% |
| XYZ | 1.6687, 0.7778, 3.8036 |
| YIQ | 18.9420, 7.0560, 26.3200 |

Conversions

Conversions Part 2

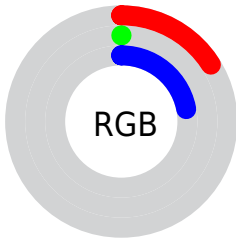
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 42, 0, 56 |
| Decimal | 2752568 |
| CIELab | 7.03, 30.70, -25.68 |
| CIELCh | 7, 40.027, 320.091 |
| Yxy | 0.7778, 0.2670, 0.1244 |
| Android (android.graphics.Color) | 4280942648 (0xFF2A0038) |
| YUV | 18.9420, 18.2696, 20.2219 |
| Hunter-Lab | 8.8191, 18.3404, -19.3976 |

Details

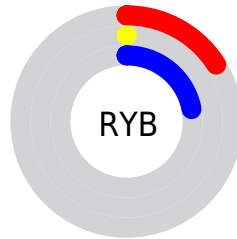
The Hex color **2A0038** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **0E3800**, and the grayscale version is **131313**.

A 20% lighter version of the original color is **5A2E68**, and **000008** is the 20% darker color. If you saturate the color by 10%, you get **2A0038**, and if you desaturate by 10%, it is **2B0638**.

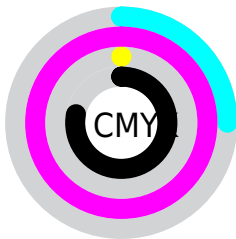
Distribution



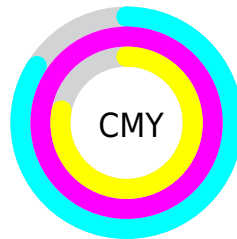
- Red (16%)
- Green (0%)
- Blue (22%)



- Red (16%)
- Yellow (0%)
- Blue (22%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (78%)



- Cyan (84%)
- Magenta (100%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A0038 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 2A0038 by changing the saturation by 10% instead.

 2A0038

 2A0038

 FFE4FF

 130022

 5A2E68

 000008

 744581

 000000

 8E5E9B

 A977B6

 C591D2

 E1ACEE

 FEC7FF

 2A0038

■ 2B0638

■ 2D0B38

■ 2E1138

■ 301638

■ 311C38

■ 322238

■ 342738

■ 352D38

■ 373238

Harmonies

Analogous

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



001348



2A0038



3D0020

Triad

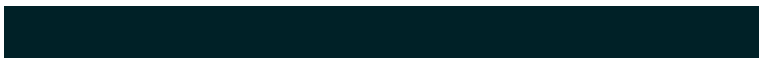
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



2A0038



241100



002127

Complementary

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



2A0038



0E3800

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.



002007



2A0038



041B00

Square

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



2A0038



350100



002000



00213E

Rectangle

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



2A0038



40000B



002000



00211E

Sweetspot

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



2A0038



44344A



000E38



231826



A6A6A6



262626

Same Dimension

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



2A0038



37004A



38002A



1B191C



45005C



A400DB

Inverse Universe

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



38000E



4A0012



00380E



1C191A



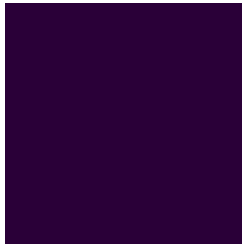
5C0017



DB0037

Previews

White Background



This preview shows how the Hex color 2A0038 looks on a white background.

Color Contrast Check

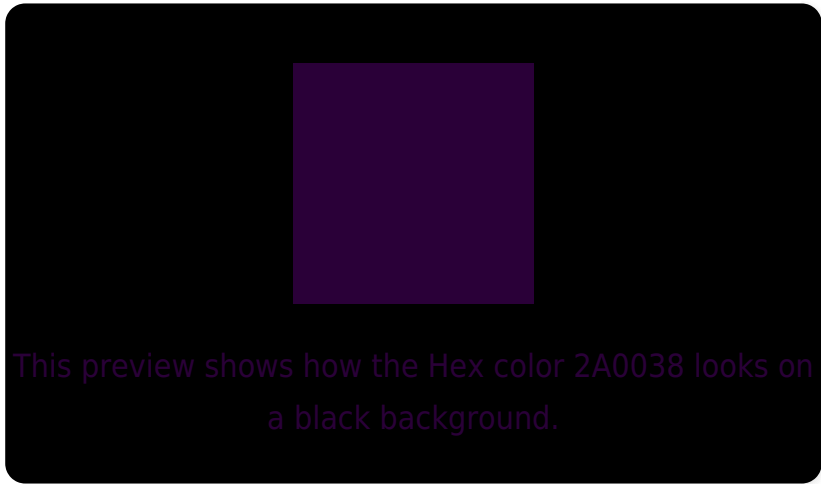
Large Text (above 18pt) WCAG AA ✓ Pass

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

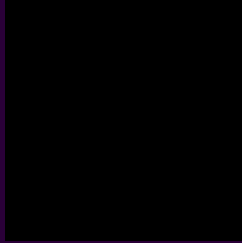
Any Text WCAG AA × Fail

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 2A0038 Background



This preview shows how black text looks on a background with the Hex color 2A0038.



This preview shows how white text looks on a background with the Hex color 2A0038.

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](#).

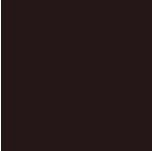
Dichromacy



Original Color
2A0038

Protanopia
001936

Deuteranopia
001B2F



Tritanopia
251618

Trichromacy



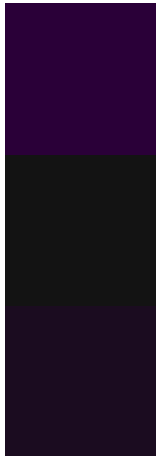
Original Color
2A0038

Protanomaly
0F1037

Deuteranomaly
0F1132

Tritanomaly
270E24

Monochromacy



Original Color
2A0038

Achromatopsia
131313

Achromatomaly
1B0C20

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A0038 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 #2A0038 looks like.

```
.text, #text, p{  
    color:#2A0038  
}
```

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 #2A0038 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A0038
}
```

Border

The CSS property to change the border of an element to Hex 2A0038 is called "border". The border property can be set on classes, ids or directly on the HTML element.

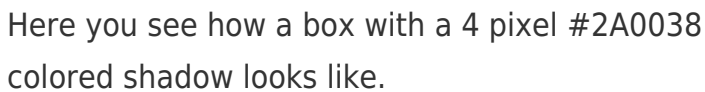
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A0038 }
```

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

```
.border{ border-color:#2A0038 }
```

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



Here you see how a box with a 4 pixel #2A0038 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A0038; -webkit-box-shadow:4px 4px  
4px 4px #2A0038; box-shadow:4px 4px 4px  
4px #2A0038 }
```

Background

The CSS property to change the background color of an element to Hex 2A0038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A0038 }
```

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

```
.background{ background-color:#2A0038 }
```

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