

Converting Colors

Hex(2A2003)

Have a look what the booklet for
Hex(2A2003) contains.

Hex(2A2003)	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(2A2003)

Conversions

Conversions Part 1

Format	Color
Hex	2A2003
RGB	42, 32, 3
RGB Percent	16%, 13%, 1%
CMY	0.8353, 0.8745, 0.9882
CMYK	0.00, 0.24, 0.93, 0.84
HSL	45°, 87%, 9%
HSV	45°, 93%, 16%
XYZ	1.4878, 1.5318, 0.3034
YIQ	31.6840, 15.2690, -6.8990

Conversions

Conversions Part 2

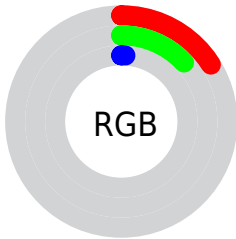
Format	Color
RYB	16, 42, 3
Decimal	2760707
CIELab	12.81, 0.90, 17.74
CIElCh	13, 17.768, 87.102
Yxy	1.5318, 0.4477, 0.4610
Android (android.graphics.Color)	4280950787 (0xFF2A2003)
YUV	31.6840, -14.1412, 9.0471
Hunter-Lab	12.3767, -0.2021, 7.2103

Details

The Hex color **2A2003** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030D2A**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **584C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **2A1F00**, and if you desaturate by 10%, it is **2A2107**.

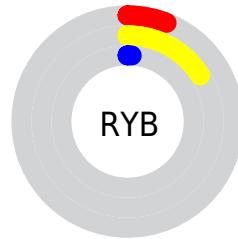
Distribution



Red (16%)

Green (13%)

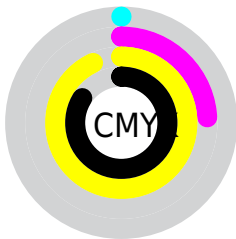
Blue (1%)



Red (6%)

Yellow (16%)

Blue (1%)

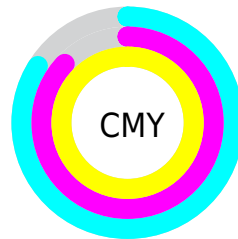


Cyan (0%)

Magenta (24%)

Yellow (93%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2003 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 2A2003 by changing the saturation by 10% instead.

 2A2003


 2A2003

 FFFFE5

 110900

 584C31

 000000

 716448

 8B7D60

 A69679

 C1B192

 DDCCAD

 FAE9C8

 2A2003

 2A2003

■ 2A1F00

■ 2A2107

■ 2A220B

■ 2A2310

■ 2A2414

■ 2A2518

■ 2A261C

■ 2A2820

■ 2A2925

■ 2A2A29

Harmonies

Analogous

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



331C0A



2A2003



1E2407

Triad

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



2A2003



00272C



2F1A2F

Complementary

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



2A2003



030D2A

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.



201E37



2A2003



002636

Square

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



2A2003



002720



06233A



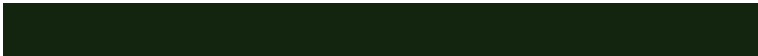
371723

Rectangle

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



2A2003



14250F



06233A



2B1B32

Sweetspot

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



2A2003



363227



2A030D



1C1A13



9C9C9C



1C1C1C

Same Dimension

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



2A2003



362800



212A03



141412



543F00



D49D00

Inverse Universe

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



030D2A



000E36



0C032A



121314



001654



0036D4

Previews

White Background



This preview shows how the Hex color 2A2003 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

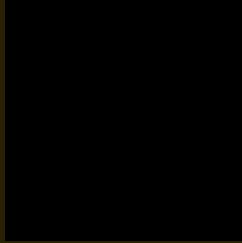
Any Text WCAG AA × Fail

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 2A2003 Background



This preview shows how black text looks on a background with the Hex color 2A2003.

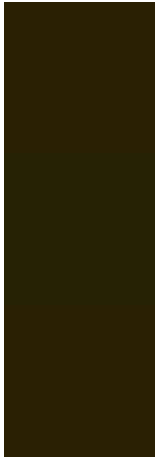


This preview shows how white text looks on a background with the Hex color 2A2003.

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

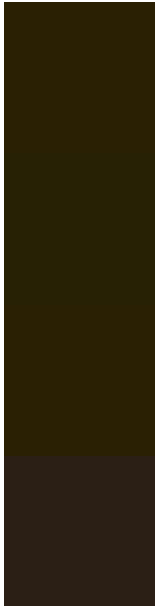


Original Color
2A2003

Protanopia
262204

Deuteranopia
2A2003

Trichromacy



Original Color
2A2003

Protanomaly
272104

Deuteranomaly
2A2003

Tritanomaly
2B1F15

Monochromacy



Original Color
2A2003

Achromatopsia
202020

Achromatomaly
242015

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2003 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 #2A2003 looks like.

```
.text, #text, p{  
    color:#2A2003  
}
```

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 #2A2003 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2003
}
```

Border

The CSS property to change the border of an element to Hex 2A2003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

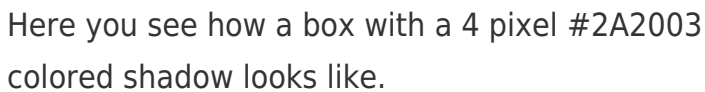
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2003 }
```

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

```
.border{ border-color:#2A2003 }
```

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



Here you see how a box with a 4 pixel #2A2003 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2003; -webkit-box-shadow:4px 4px  
4px 4px #2A2003; box-shadow:4px 4px 4px  
4px #2A2003 }
```

Background

The CSS property to change the background color of an element to Hex 2A2003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2003 }
```

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

```
.background{ background-color:#2A2003 }
```

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