

Converting Colors

Hex(2A2002)

Have a look what the booklet for
Hex(2A2002) contains.

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Color

Hex(2A2002)

Conversions

Conversions Part 1

Format	Color
Hex	2A2002
RGB	42, 32, 2
RGB Percent	16%, 13%, 1%
CMY	0.8353, 0.8745, 0.9922
CMYK	0.00, 0.24, 0.95, 0.84
HSL	45°, 91%, 9%
HSV	45°, 95%, 16%
XYZ	1.4823, 1.5296, 0.2746
YIQ	31.5700, 15.5900, -7.2100

Conversions

Conversions Part 2

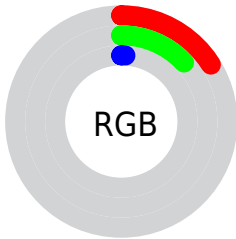
Format	Color
RYB	15, 42, 2
Decimal	2760706
CIELab	12.80, 0.80, 18.13
CIELCh	13, 18.152, 87.462
Yxy	1.5296, 0.4510, 0.4654
Android (android.graphics.Color)	4280950786 (0xFF2A2002)
YUV	31.5700, -14.5780, 9.1471
Hunter-Lab	12.3679, -0.2503, 7.3413

Details

The Hex color **2A2002** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **020C2A**, 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 **2A2106**.

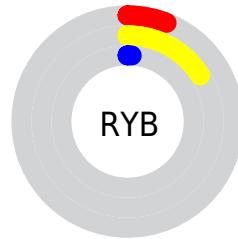
Distribution



Red (16%)

Green (13%)

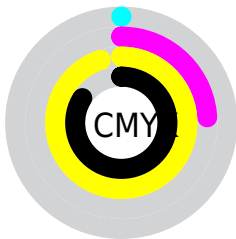
Blue (1%)



Red (6%)

Yellow (16%)

Blue (1%)

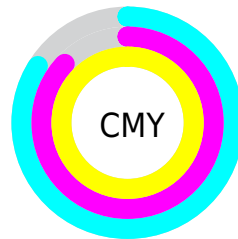


Cyan (0%)

Magenta (24%)

Yellow (95%)

Black (84%)



Cyan (84%)

Magenta (87%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A2002 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 2A2002 by changing the saturation by 10% instead.

■ 2A2002

■ 2A2002

■ FFFFE4

■ 110900

■ 584C31

■ 000000

■ 716447

■ 8B7D5F

■ A69678

■ C1B192

■ DDCCAC

■ FAE9C8

■ 2A2002

■ 2A2002

■ 2A1F00

■ 2A2106

■ 2A220A

■ 2A230F

■ 2A2413

■ 2A2517

■ 2A261B

■ 2A271F

■ 2A2824

■ 2A2928

Harmonies

Analogous

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



331B0A



2A2002



1D2406

Triad

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



2A2002



00272C



30192F

Complementary

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



2A2002



020C2A

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



2A2002



002636

Square

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



2A2002



002720



05233A



371623

Rectangle

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



2A2002



13260F



05233A



2B1B32

Sweetspot

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



2A2002



363226



2A020C



1C1A12



9C9C9C



1C1C1C

Same Dimension

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



2A2002



362800



202A02



141412



543F00



D49F00

Inverse Universe

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



020C2A



000D36



0C022A



121314



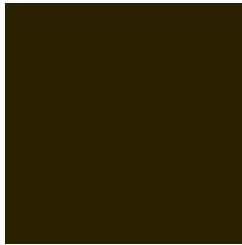
001554



0035D4

Previews

White Background



This preview shows how the Hex color 2A2002 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

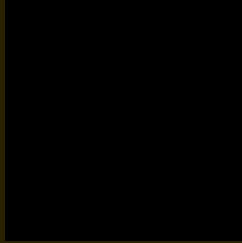
Any Text WCAG AA × Fail

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 2A2002 Background



This preview shows how black text looks on a background with the Hex color 2A2002.

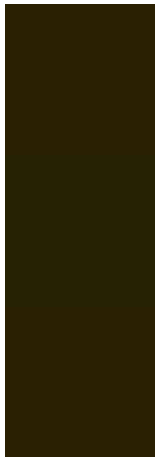


This preview shows how white text looks on a background with the Hex color 2A2002.

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
2A2002

Protanopia
262203

Deuteranopia
2A2002

Trichromacy



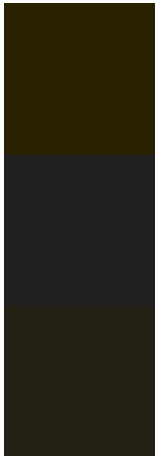
Original Color
2A2002

Protanomaly
272103

Deuteranomaly
2A2002

Tritanomaly
2B1F15

Monochromacy



Original Color
2A2002

Achromatopsia
202020

Achromatomaly
242015

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A2002 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 #2A2002 looks like.

```
.text, #text, p{  
    color:#2A2002  
}
```

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 #2A2002 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A2002
}
```

Border

The CSS property to change the border of an element to Hex 2A2002 is called "border". The border property can be set on classes, ids or directly on the HTML element.

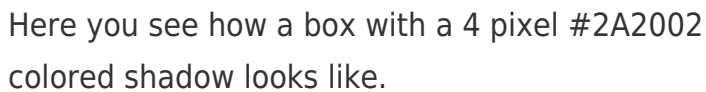
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2A2002 }
```

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

```
.border{ border-color:#2A2002 }
```

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



Here you see how a box with a 4 pixel #2A2002 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A2002; -webkit-box-shadow:4px 4px  
4px 4px #2A2002; box-shadow:4px 4px 4px  
4px #2A2002 }
```

Background

The CSS property to change the background color of an element to Hex 2A2002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A2002 }
```

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

```
.background{ background-color:#2A2002 }
```

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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