

Converting Colors

Hex(2A1E86)

Have a look what the booklet for
Hex(2A1E86) contains.

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Color

Hex(2A1E86)

Conversions

Conversions Part 1

Format	Color
Hex	2A1E86
RGB	42, 30, 134
RGB Percent	16%, 12%, 53%
CMY	0.8353, 0.8824, 0.4745
CMYK	0.69, 0.78, 0.00, 0.47
HSL	247°, 63%, 32%
HSV	247°, 78%, 53%
XYZ	5.7222, 3.1420, 22.8591
YIQ	45.4440, -26.2320, 34.8880

Conversions

Conversions Part 2

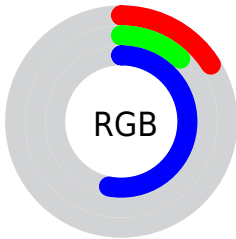
Format	Color
R_{YB}	42, 30, 134
Decimal	2760326
CIE _{Lab}	20.60, 38.19, -55.76
CIE _{LCh}	21, 67.582, 304.408
Yxy	3.1420, 0.1804, 0.0990
Android (android.graphics.Color)	4280950406 (0xFF2A1E86)
YUV	45.4440, 43.6581, -3.0204
Hunter-Lab	17.7257, 26.6030, -64.0524

Details

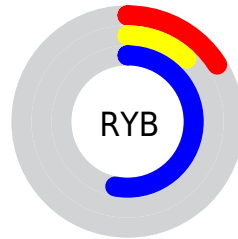
The Hex color **2A1E86** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7A861E**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **654CBC**, and **000053** is the 20% darker color. If you saturate the color by 10%, you get **1E1186**, and if you desaturate by 10%, it is **362B86**.

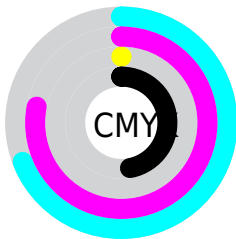
Distribution



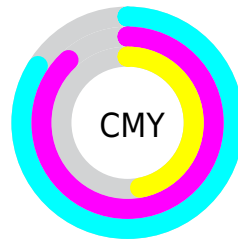
- Red (16%)
- Green (12%)
- Blue (53%)



- Red (16%)
- Yellow (12%)
- Blue (53%)



- Cyan (69%)
- Magenta (78%)
- Yellow (0%)
- Black (47%)



- Cyan (84%)
- Magenta (88%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1E86 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 2A1E86 by changing the saturation by 10% instead.

■ 2A1E86

■ 2A1E86

FFFFFF

■ 00076C

■ 654CBC

■ 000053

■ 8165D8

■ 00063B

■ 9D7EF5

■ 000224

■ BA98FF

■ 00000C

■ D7B3FF

■ 000000

■ F5CFFF

■ FFECFF

■ 2A1E86

■ 2A1E86

■ 1E1186

■ 362B86

■ 120386

■ 423986

■ 0F0086

■ 4E4686

■ 595486

■ 656186

■ 716E86

■ 7D7C86

■ 898986

■ 959786

Harmonies

Analogous

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



003898



2A1E86



6E005E

Triad

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



2A1E86



5E1B00



004338

Complementary

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



2A1E86



7A861E

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



2A1E86



383300

Square

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



2A1E86



790000



003D00



00446A

Rectangle

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



2A1E86



7E003D



003D00



004227

Sweetspot

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



2A1E86



8A86AD



1E7C86



413E57



D6D6D6



575757

Same Dimension

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



2A1E86



1F0CAD



5C1E86



3C3C42



0F0082



000003

Inverse Universe

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



861E7A



AD0C9B



48861E



423C42



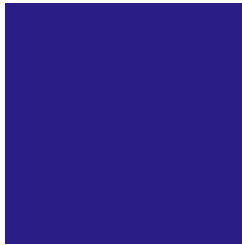
820073



030002

Previews

White Background



This preview shows how the Hex color 2A1E86 looks on a white background.

Color Contrast Check

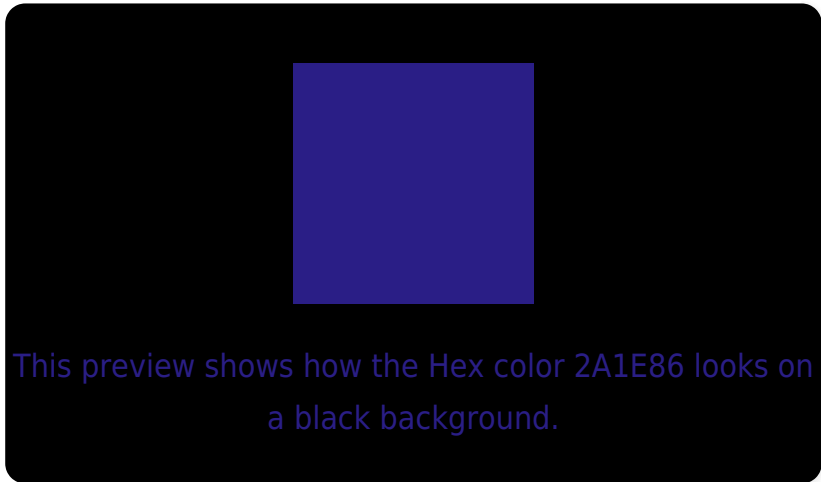
Large Text (above 18pt) WCAG AA ✓ Pass

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

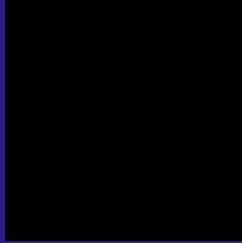
Any Text WCAG AA × Fail

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 2A1E86 Background



This preview shows how black text looks on a background with the Hex color 2A1E86.

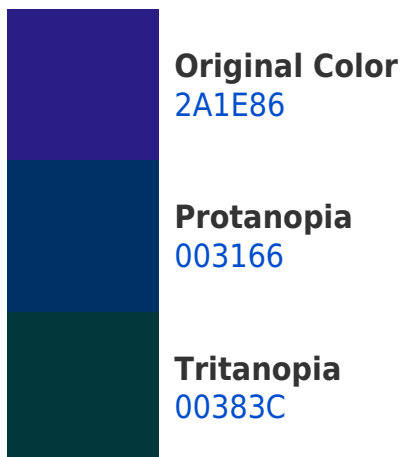


This preview shows how white text looks on a background with the Hex color 2A1E86.

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



Trichromacy



Original Color
2A1E86

Protanomaly
0F2A72

Tritanomaly
0F2F57

Monochromacy



Original Color
2A1E86

Achromatopsia
2D2D2D

Achromatomaly
2C284D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1E86 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 #2A1E86 looks like.

```
.text, #text, p{  
    color:#2A1E86  
}
```

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 #2A1E86 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1E86
}
```

Border

The CSS property to change the border of an element to Hex 2A1E86 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
#2A1E86 }
```

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

```
.border{ border-color:#2A1E86 }
```

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

Here you see how a box with a 4 pixel #2A1E86 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1E86; -webkit-box-shadow:4px 4px  
4px 4px #2A1E86; box-shadow:4px 4px 4px  
4px #2A1E86 }
```

Background

The CSS property to change the background color of an element to Hex 2A1E86 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1E86 }
```

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

```
.background{ background-color:#2A1E86 }
```

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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