

Converting Colors

Hex(2A1DD0)

Have a look what the booklet for
Hex(2A1DD0) contains.

Hex(2A1DD0)	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(2A1DD0)

Conversions

Conversions Part 1

Format	Color
Hex	2A1DD0
RGB	42, 29, 208
RGB Percent	16%, 11%, 82%
CMY	0.8353, 0.8863, 0.1843
CMYK	0.80, 0.86, 0.00, 0.18
HSL	244°, 76%, 46%
HSV	244°, 86%, 82%
XYZ	12.7794, 5.9250, 60.1446
YIQ	53.2930, -49.7110, 58.4250

Conversions

Conversions Part 2

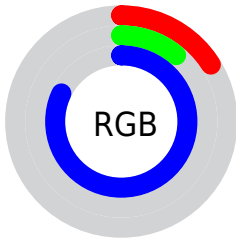
Format	Color
RYB	42, 29, 208
Decimal	2760144
CIELab	29.22, 61.22, -86.13
CIELCh	29, 105.674, 305.407
Yxy	5.9250, 0.1621, 0.0751
Android (android.graphics.Color)	4280950224 (0xFF2A1DD0)
YUV	53.2930, 76.2706, -9.9040
Hunter-Lab	24.3414, 51.1161, -129.4593

Details

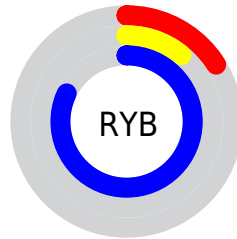
The Hex color **2A1DD0** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **C3D01D**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7751FF**, and **000098** is the 20% darker color. If you saturate the color by 10%, you get **1708D0**, and if you desaturate by 10%, it is **3D32D0**.

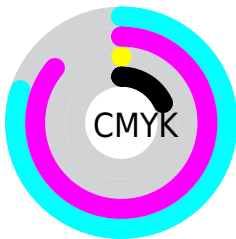
Distribution



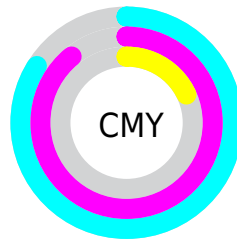
- Red (16%)
- Green (11%)
- Blue (82%)



- Red (16%)
- Yellow (11%)
- Blue (82%)



- Cyan (80%)
- Magenta (86%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (89%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1DD0 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 2A1DD0 by changing the saturation by 10% instead.

■ 2A1DD0

■ 2A1DD0

FFFFFF

■ 0000B4

■ 7751FF

■ 000098

■ 976BFF

■ 00007D

■ B785FF

■ 000563

■ D6A0FF

■ 00094A

■ F5BCFF

■ 000432

■ FFD8FF

■ 00021C

■ FFF5FF

■ 000000

■ 2A1DD0

■ 2A1DD0

■ 1708D0

■ 3D32D0

■ 0F00D0

■ 5147D0

■ 645BD0

■ 7770D0

■ 8A85D0

■ 9E9AD0

■ B1AFD0

■ C4C3D0

■ D8D8D0

Harmonies

Analogous

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



0051F1



2A1DD0



A8008B

Triad

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



2A1DD0



881B00



005D53

Complementary

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



2A1DD0



C3D01D

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.



005B00



2A1DD0



484800

Square

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



2A1DD0



B40000



005600



0060A5

Rectangle

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



2A1DD0



C10056



005600



005C36

Sweetspot

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



2A1DD0



C2BDFE



1DC4D0



5B5880



000000



808080

Same Dimension

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



2A1DD0



1300FF



821DD0



5F5E69



0C00A8



030029

Inverse Universe

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



D01DC3



FF00EC



6BD01D



695E68



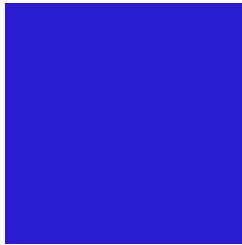
A8009C



290026

Previews

White Background



This preview shows how the Hex color 2A1DD0 looks on a white background.

Color Contrast Check

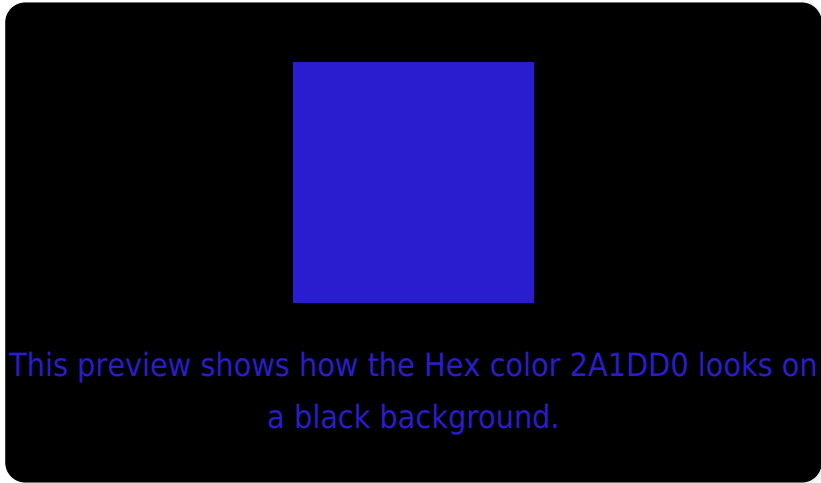
Large Text (above 18pt) WCAG AA ✓ Pass

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

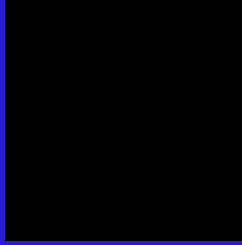
Any Text WCAG AA × Fail

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 2A1DD0 Background



This preview shows how black text looks on a background with the Hex color 2A1DD0.



This preview shows how white text looks on a background with the Hex color 2A1DD0.

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
2A1DD0

Protanopia
00438C

Deuteranopia
004776

Trichromacy



Original Color
2A1DD0

Protanomaly
0F35A5

Deuteranomaly
0F3897

Tritanomaly
0F3C7F

Monochromacy



Original Color
2A1DD0

Achromatopsia
353535

Achromatomaly
312C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1DD0 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 #2A1DD0 looks like.

```
.text, #text, p{  
    color:#2A1DD0  
}
```

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 #2A1DD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1DD0
}
```

Border

The CSS property to change the border of an element to Hex 2A1DD0 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
#2A1DD0 }
```

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

```
.border{ border-color:#2A1DD0 }
```

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

Here you see how a box with a 4 pixel #2A1DD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1DD0; -webkit-box-shadow:4px 4px  
4px 4px #2A1DD0; box-shadow:4px 4px 4px  
4px #2A1DD0 }
```

Background

The CSS property to change the background color of an element to Hex 2A1DD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1DD0 }
```

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

```
.background{ background-color:#2A1DD0 }
```

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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