

Converting Colors

Hex(2329DD)

Have a look what the booklet for
Hex(2329DD) contains.

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Color

Hex(2329DD)

Conversions

Conversions Part 1

Format	Color
Hex	2329DD
RGB	35, 41, 221
RGB Percent	14%, 16%, 87%
CMY	0.8627, 0.8392, 0.1333
CMYK	0.84, 0.81, 0.00, 0.13
HSL	238°, 73%, 50%
HSV	238°, 84%, 87%
XYZ	14.5372, 7.1637, 69.0231
YIQ	59.7260, -61.3560, 54.7080

Conversions

Conversions Part 2

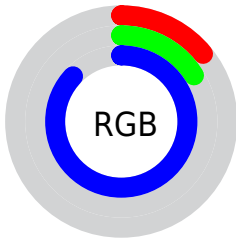
Format	Color
RYB	35, 41, 221
Decimal	2304477
CIELab	32.18, 59.74, -88.74
CIElCh	32, 106.976, 303.945
Yxy	7.1637, 0.1602, 0.0790
Android (android.graphics.Color)	4280494557 (0xFF2329DD)
YUV	59.7260, 79.5081, -21.6847
Hunter-Lab	26.7650, 50.1122, -134.1649

Details

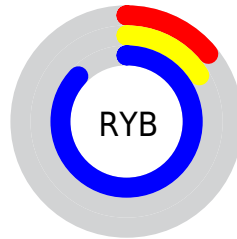
The Hex color **2329DD** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **DDD723**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **765BFF**, and **0000A4** is the 20% darker color. If you saturate the color by 10%, you get **0D14DD**, and if you desaturate by 10%, it is **393EDD**.

Distribution



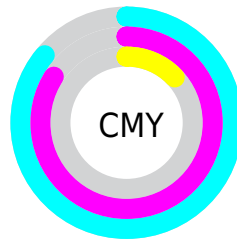
- Red (14%)
- Green (16%)
- Blue (87%)



- Red (14%)
- Yellow (16%)
- Blue (87%)



- Cyan (84%)
- Magenta (81%)
- Yellow (0%)
- Black (13%)



- Cyan (86%)
- Magenta (84%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2329DD 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 2329DD by changing the saturation by 10% instead.

 2329DD

 2329DD

FFFFFF

 000FC0

 765BFF

 0000A4

 9775FF

 000089

 B78FFF

 00006E

 D7AAFF


 000C55

 F6C6FF

 00063D

 FFE3FF

 000226

 00010F

 000000

■ 2329DD

■ 2329DD

■ 0D14DD

■ 393EDD

■ 0007DD

■ 4F54DD

■ 6569DD

■ 7B7FDD

■ 9294DD

■ A8A9DD

■ BEBFDD

■ D4D4DD

■ EAE9DD

Harmonies

Analogous

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



0059FC



2329DD



AF0098

Triad

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



2329DD



941E00



006556

Complementary

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



2329DD



DDD723

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.



006300



2329DD



544D00

Square

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



2329DD



C10000



005D00



0068AB

Rectangle

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



2329DD



CB0061



005D00



006538

Sweetspot

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



2329DD



BFC1FF



23DDD7



595A80



000000



808080

Same Dimension

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



2329DD



0008FF



7A23DD



63636E



0006AD



00012E

Inverse Universe

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



DD2329



FF0008



86DD23



6E6363



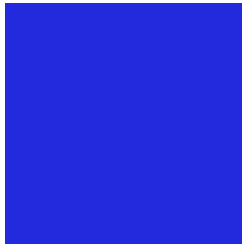
AD0006



2E0001

Previews

White Background



This preview shows how the Hex color 2329DD looks on a white background.

Color Contrast Check

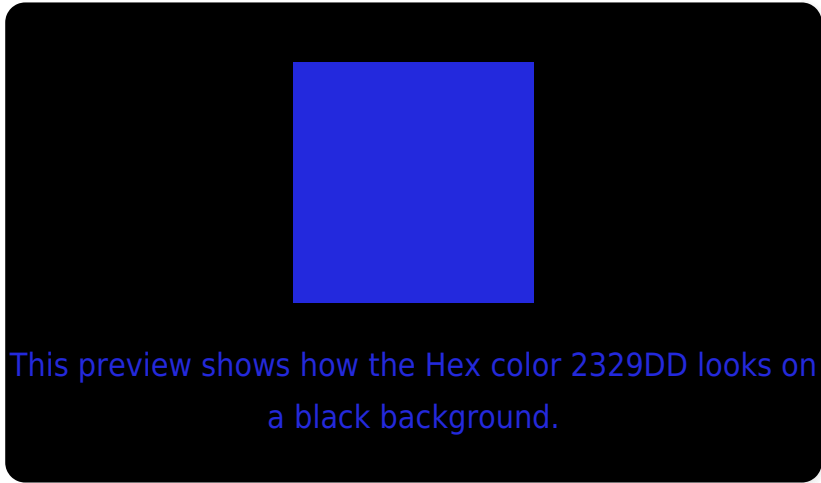
Large Text (above 18pt) WCAG AA ✓ Pass

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

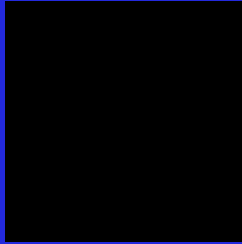
Any Text WCAG AA × Fail

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 2329DD Background



This preview shows how black text looks on a background with the Hex color 2329DD.



This preview shows how white text looks on a background with the Hex color 2329DD.

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
2329DD

Protanopia
004998

Deuteranopia
004E81

Trichromacy



Original Color
2329DD

Protanomaly
0D3DB1

Deuteranomaly
0D41A2

Tritanomaly
0D4488

Monochromacy



Original Color
2329DD

Achromatopsia
3C3C3C

Achromatomaly
333577

CSS Examples

Text

The CSS property to change the color of the text to Hex 2329DD 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 #2329DD looks like.

```
.text, #text, p{  
    color:#2329DD  
}
```

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 #2329DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2329DD
}
```

Border

The CSS property to change the border of an element to Hex 2329DD 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
#2329DD }
```

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

```
.border{ border-color:#2329DD }
```

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

Here you see how a box with a 4 pixel #2329DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2329DD; -webkit-box-shadow:4px 4px  
4px 4px #2329DD; box-shadow:4px 4px 4px  
4px #2329DD }
```

Background

The CSS property to change the background color of an element to Hex 2329DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2329DD }
```

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

```
.background{ background-color:#2329DD }
```

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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