

Converting Colors

Hex(2333FD)

Have a look what the booklet for
Hex(2333FD) contains.

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Color

Hex(2333FD)

Conversions

Conversions Part 1

Format	Color
Hex	2333FD
RGB	35, 51, 253
RGB Percent	14%, 20%, 99%
CMY	0.8627, 0.8000, 0.0078
CMYK	0.86, 0.80, 0.00, 0.01
HSL	236°, 98%, 56%
HSV	236°, 86%, 99%
XYZ	19.6066, 9.8168, 93.7900
YIQ	69.2440, -74.3780, 59.4300

Conversions

Conversions Part 2

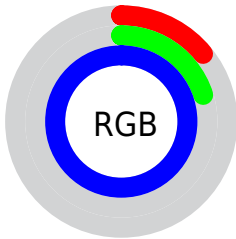
Format	Color
R _Y B	35, 50, 253
Decimal	2307069
CIE Lab	37.51, 64.78, -98.03
CIE LCh	38, 117.503, 303.456
Yxy	9.8168, 0.1591, 0.0797
Android (android.graphics.Color)	4280497149 (0xFF2333FD)
YUV	69.2440, 90.5917, -30.0320
Hunter-Lab	31.3318, 56.8697, -155.5489

Details

The Hex color **2333FD** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **FDED23**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **7E66FF**, and **0000C3** is the 20% darker color. If you saturate the color by 10%, you get **0A1CFD**, and if you desaturate by 10%, it is **3C4AFD**.

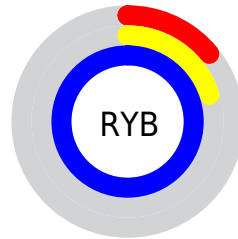
Distribution



Red (14%)

Green (20%)

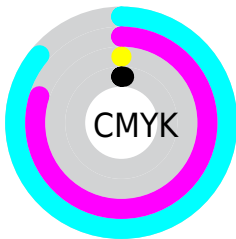
Blue (99%)



Red (14%)

Yellow (20%)

Blue (99%)

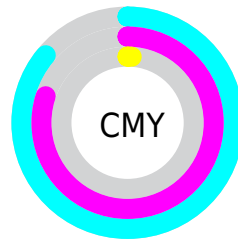


Cyan (86%)

Magenta (80%)

Yellow (0%)

Black (1%)



Cyan (86%)

Magenta (80%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2333FD 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 2333FD by changing the saturation by 10% instead.

 2333FD

 2333FD

FFFFFF

 0019DF

 7E66FF

 0000C3

 A080FF

 0000A6

 C19BFF

 00008B

 E2B6FF

 000C70

 FFD2FF

 000C57

 FFEFFF

 00063E

 000327

 000111

■ 2333FD

■ 2333FD

■ 0A1CFD

■ 3C4AFD

■ 0013FD

■ 5662FD

■ 6F79FD

■ 8891FD

■ A2A8FD

■ BBC0FD

■ D4D7FD

■ EDEFFD

FFFFFD

Harmonies

Analogous

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



0068FF



2333FD



C800B0

Triad

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



2333FD



AB2300



007562

Complementary

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



2333FD



FDED23

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.



007300



2333FD



635A00

Square

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



2333FD



DD0000



006C00



0078C2

Rectangle

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



2333FD



E70072



006C00



007440

Sweetspot

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



2333FD



BDC2FF



23FDEB



585B80



000000



808080

Same Dimension

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



2333FD



0013FF



7E23FD



737480



000EBF



000540

Inverse Universe

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



FD2333



FF0013



A2FD23



807374



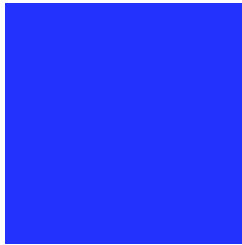
BF000E



400005

Previews

White Background



This preview shows how the Hex color 2333FD looks on a white background.

Color Contrast Check

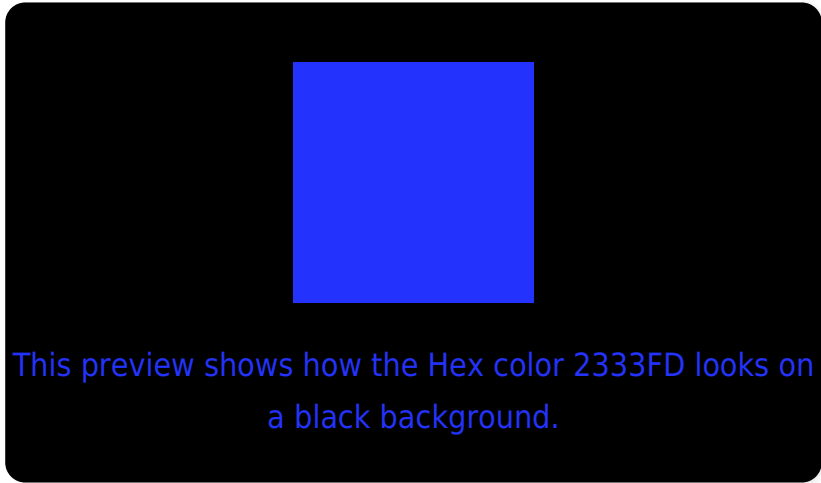
Large Text (above 18pt) WCAG AA ✓ Pass

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

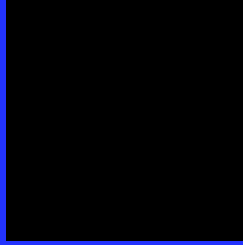
Any Text WCAG AA × Fail

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 2333FD Background



This preview shows how black text looks on a background with the Hex color 2333FD.



This preview shows how white text looks on a background with the Hex color 2333FD.

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
2333FD

Deuteranomaly
0D4CBB

Tritanomaly
0D509D

Monochromacy



Original Color
2333FD

Achromatopsia
454545

Achromatomaly
393E88

CSS Examples

Text

The CSS property to change the color of the text to Hex 2333FD 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 #2333FD looks like.

```
.text, #text, p{  
    color:#2333FD  
}
```

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 #2333FD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2333FD
}
```

Border

The CSS property to change the border of an element to Hex 2333FD 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
#2333FD }
```

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

```
.border{ border-color:#2333FD }
```

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

Here you see how a box with a 4 pixel #2333FD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2333FD; -webkit-box-shadow:4px 4px  
4px 4px #2333FD; box-shadow:4px 4px 4px  
4px #2333FD }
```

Background

The CSS property to change the background color of an element to Hex 2333FD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2333FD }
```

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

```
.background{ background-color:#2333FD }
```

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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