

Converting Colors

Decimal(4272351)

Have a look what the booklet for
Decimal(4272351) contains.

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Color

Decimal(4272351)

Conversions

Conversions Part 1

Format	Color
Hex	4130DF
RGB	65, 48, 223
RGB Percent	25%, 19%, 87%
CMY	0.7451, 0.8118, 0.1255
CMYK	0.71, 0.78, 0.00, 0.13
HSL	246°, 73%, 53%
HSV	246°, 78%, 87%
XYZ	16.5562, 8.5654, 70.5927
YIQ	73.0330, -46.0430, 58.0290

Conversions

Conversions Part 2

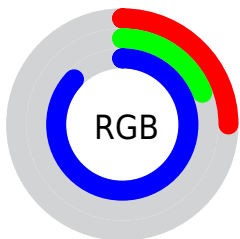
Format	Color
R _Y B	65, 48, 223
Decimal	4272351
CIE Lab	35.13, 58.84, -84.94
CIE LCh	35, 103.325, 304.710
Yxy	8.5654, 0.1730, 0.0895
Android (android.graphics.Color)	4282462431 (0xFF4130DF)
YUV	73.0330, 73.9337, -7.0449
Hunter-Lab	29.2668, 49.7606, -122.5233

Details

The Decimal color **4272351** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **13557552**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **8872959**, and **166** is the 20% darker color. If you saturate the color by 10%, you get **2955999**, and if you desaturate by 10%, it is **5588703**.

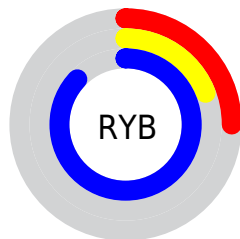
Distribution



Red (25%)

Green (19%)

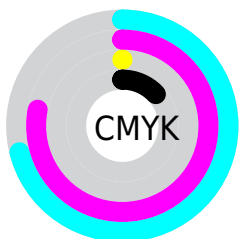
Blue (87%)



Red (25%)

Yellow (19%)

Blue (87%)

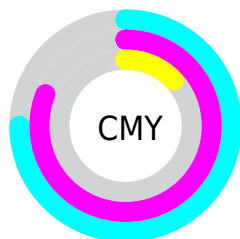


Cyan (71%)

Magenta (78%)

Yellow (0%)

Black (13%)



Cyan (75%)

Magenta (81%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4272351 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 Decimal color 4272351 by changing the saturation by 10% instead.

■ 4272351

■ 4272351

16777215

■ 5826

■ 8872959

■ 166

■ 10911231

■ 139

■ 13015039

■ 112

■ 15053823

■ 3159

■ 16764927

■ 1598

■ 16772095

■ 807

■ 273

■ 0

■ 4272351

■ 4272351

■ 2955999

■ 5588703

■ 1639391

■ 6905311

■ 1442015

■ 8221663

■ 9603551

■ 10920159

■ 12236511

■ 13552863

■ 14869215

■ 16185823

Harmonies

Analogous

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



24318



4272351



11993243

Triad

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



4272351



10103552



27998

Complementary

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



4272351



13557552

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.



27392



4272351



5920000

Square

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



4272351



13041664



25856



28593

Rectangle

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



4272351



13697125



25856



27969

Sweetspot

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



4272351



13157119



3199199



6183808



0



8421504

Same Dimension

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



4272351



2559999



9842911



6710640



1114288



327728

Inverse Universe

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



14627022



16715752



7986992



7365999



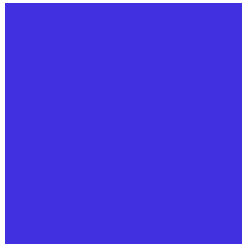
11534495



3145772

Previews

White Background



This preview shows how the Decimal color 4272351 looks on a white background.

Color Contrast Check

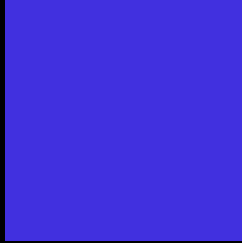
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Decimal color 4272351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

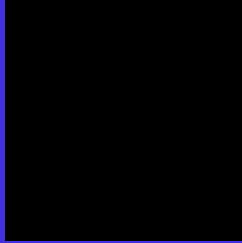
Any Text WCAG AA × Fail

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](#).

Decimal 4272351 Background



This preview shows how black text looks on a background with the Decimal color 4272351.



This preview shows how white text looks on a background with the Decimal color 4272351.

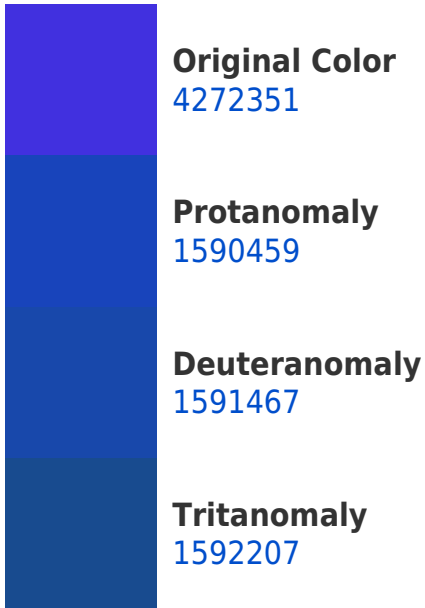
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4272351 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 #4130DF looks like.

```
.text, #text, p{  
    color:#4130DF  
}
```

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 #4130DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4130DF
}
```

Border

The CSS property to change the border of an element to Decimal 4272351 is called "border". The border property can be set on classes, ids or directly on the HTML element.

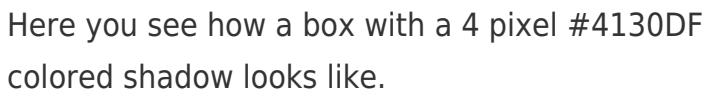
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4130DF }
```

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

```
.border{ border-color:#4130DF }
```

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



Here you see how a box with a 4 pixel #4130DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4130DF; -webkit-box-shadow:4px 4px  
4px 4px #4130DF; box-shadow:4px 4px 4px  
4px #4130DF }
```

Background

The CSS property to change the background color of an element to Decimal 4272351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4130DF }
```

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

```
.background{ background-color:#4130DF }
```

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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