

Converting Colors

Decimal(2842077)

Have a look what the booklet for
Decimal(2842077) contains.

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Color

Decimal(2842077)

Conversions

Conversions Part 1

Format	Color
Hex	2B5DDD
RGB	43, 93, 221
RGB Percent	17%, 36%, 87%
CMY	0.8314, 0.6353, 0.1333
CMYK	0.81, 0.58, 0.00, 0.13
HSL	223°, 72%, 52%
HSV	223°, 81%, 87%
XYZ	17.9618, 13.5628, 70.0778
YIQ	92.6420, -70.8880, 29.2080

Conversions

Conversions Part 2

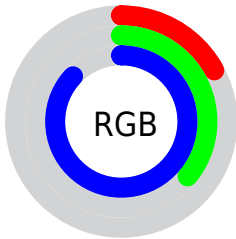
Format	Color
R_{YB}	43, 82, 221
Decimal	2842077
CIE _{Lab}	43.60, 30.04, -69.92
CIE _{LCh}	44, 76.099, 293.246
Yxy	13.5628, 0.1768, 0.1335
Android (android.graphics.Color)	4281032157 (0xFF2B5DDD)
YUV	92.6420, 63.2805, -43.5360
Hunter-Lab	36.8276, 22.6105, -87.0411

Details

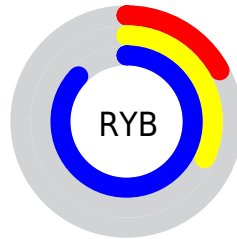
The Decimal color **2842077** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **14527275**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **7770111**, and **12453** is the 20% darker color. If you saturate the color by 10%, you get **1396189**, and if you desaturate by 10%, it is **4287965**.

Distribution



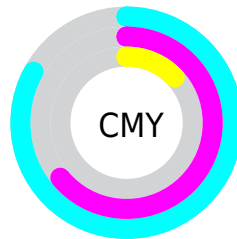
- Red (17%)
- Green (36%)
- Blue (87%)



- Red (17%)
- Yellow (32%)
- Blue (87%)



- Cyan (81%)
- Magenta (58%)
- Yellow (0%)
- Black (13%)

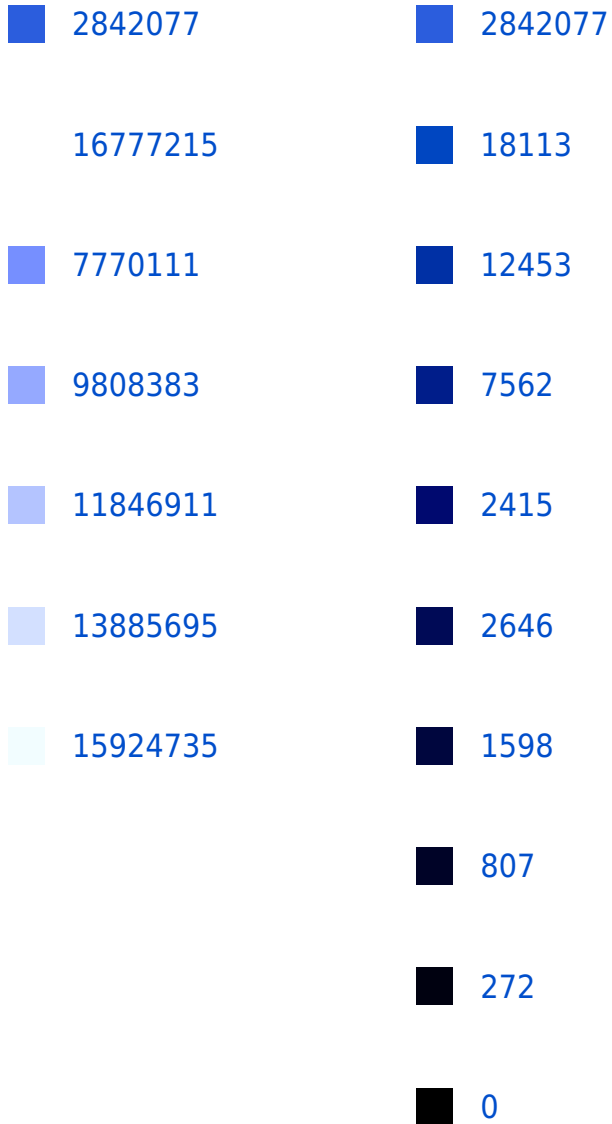


- Cyan (83%)
- Magenta (64%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2842077 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 2842077 by changing the saturation by 10% instead.



■ 2842077

■ 2842077

■ 1396189

■ 4287965

■ 16093

■ 5733853

■ 7179741

■ 8625629

■ 10136797

■ 11582685

■ 13028573

■ 14474461

■ 15920349

Harmonies

Analogous

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



29926



2842077



10630580

Triad

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



2842077



11943936



32854

Complementary

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



2842077



14527275

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.



31752



2842077



9068544

Square

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



2842077



13566010



5206528



33176

Rectangle

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



2842077



12780685



5206528



32576

Sweetspot

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



2842077



12768255



2874795



5989760



0



8421504

Same Dimension

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



2842077



544255



5385181



6514286



12717



3374

Inverse Universe

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



14494557



16713805



11984171



7234406



11337777



3014669

Previews

White Background



This preview shows how the Decimal color 2842077 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 × Fail

Black Background



This preview shows how the Decimal color 2842077 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

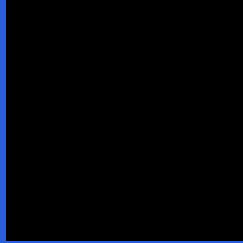
Any Text WCAG AA × Fail

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 2842077 Background



This preview shows how black text looks on a background with the Decimal color 2842077.



This preview shows how white text looks on a background with the Decimal color 2842077.

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





Tritanopia
29305

Trichromacy



Original Color
2842077

Protanomaly
1073621

Deuteranomaly
1074627

Tritanomaly
1075869

Monochromacy



Original Color
2842077

Achromatopsia
6118749

Achromatomaly
4939148

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2842077 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 #2B5DDD looks like.

```
.text, #text, p{  
    color:#2B5DDD  
}
```

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 #2B5DDD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5DDD
}
```

Border

The CSS property to change the border of an element to Decimal 2842077 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
#2B5DDD }
```

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

```
.border{ border-color:#2B5DDD }
```

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

Here you see how a box with a 4 pixel #2B5DDD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5DDD; -webkit-box-shadow:4px 4px  
4px 4px #2B5DDD; box-shadow:4px 4px 4px  
4px #2B5DDD }
```

Background

The CSS property to change the background color of an element to Decimal 2842077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5DDD }
```

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

```
.background{ background-color:#2B5DDD }
```

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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