

# Converting Colors

Decimal(2836976)

Have a look what the booklet for  
Decimal(2836976) contains.

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# Color

**Decimal(2836976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2B49F0
RGB	43, 73, 240
RGB Percent	17%, 29%, 94%
CMY	0.8314, 0.7137, 0.0588
CMYK	0.82, 0.70, 0.00, 0.06
HSL	231°, 87%, 55%
HSV	231°, 82%, 94%
XYZ	19.1070, 11.5699, 83.6643
YIQ	83.0680, -71.4870, 45.5770

# Conversions

## Conversions Part 2

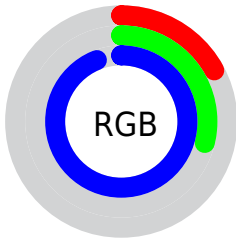
<b>Format</b>	<b>Color</b>
<b>RYB</b>	43, 69, 240
Decimal	2836976
CIELab	40.52, 49.26, -85.73
CIELCh	41, 98.875, 299.883
Yxy	11.5699, 0.1671, 0.1012
Android (android.graphics.Color)	4281027056 (0xFF2B49F0)
YUV	83.0680, 77.3675, -35.1396
Hunter-Lab	34.0146, 40.7429, -122.0227

# Details

The Decimal color **2836976** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **15782443**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **8157951**, and **7606** is the 20% darker color. If you saturate the color by 10%, you get **1258992**, and if you desaturate by 10%, it is **4414960**.

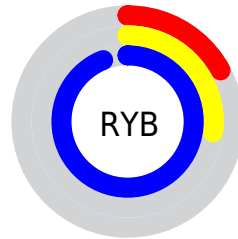
# Distribution



Red (17%)

Green (29%)

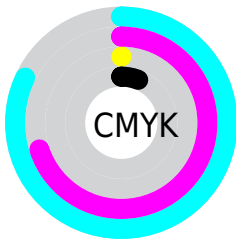
Blue (94%)



Red (17%)

Yellow (27%)

Blue (94%)

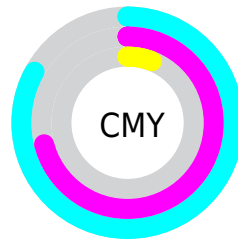


Cyan (82%)

Magenta (70%)

Yellow (0%)

Black (6%)



Cyan (83%)

Magenta (71%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2836976 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 2836976 by changing the saturation by 10% instead.



■ 2836976

■ 2836976

16777215

■ 13011

■ 8157951

■ 7606

■ 10327295

■ 2715

■ 12431359

■ 128

■ 14535679

■ 2661

■ 16574463

■ 2380

■ 1333

■ 542

■ 1

■ 2836976

■ 2836976

■ 1258992

■ 4414960

■ 9712

■ 5993200

■ 7571184

■ 9149168

■ 10727408

■ 12305392

■ 13883376

■ 15461616

■ 16777200

# Harmonies

## Analogous

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



28159



2836976



12124339

# Triad

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



2836976



11677952



31837

# Complementary

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



2836976



15782443

# 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.



30720



2836976



7691520

# Square

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



2836976



14221333



684032



32176

# Rectangle

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



2836976



14221439



684032



31552



# Sweetspot

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



2836976



12569087



2879695



5857152



0



8421504



# Same Dimension

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



2836976



207359



7154672



7106168



7352



2360



# Inverse Universe

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



15739721



16712489



11464747



7892078



12058652

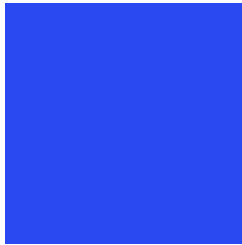


3670025



# Previews

## White Background



This preview shows how the Decimal color 2836976 looks on a white background.

## Color Contrast Check

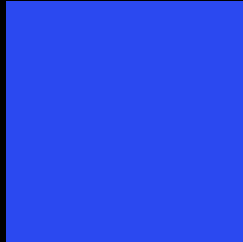
Large Text (above 18pt) WCAG AA ✓ Pass

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 2836976 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

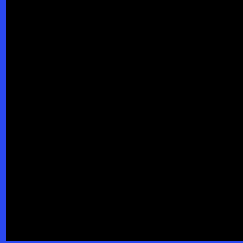
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2836976 Background



This preview shows how black text looks on a background with the Decimal color 2836976.



This preview shows how white text looks on a background with the Decimal color 2836976.

# 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**  
26991

# Trichromacy



**Original Color**  
2836976

**Protanomaly**  
1070289

**Deuteranomaly**  
1071296

**Tritanomaly**  
1072542

# Monochromacy



**Original Color**  
2836976

**Achromatopsia**  
5460819

**Achromatomaly**  
4476812

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2836976 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 #2B49F0 looks like.

```
.text, #text, p{  
    color:#2B49F0  
}
```

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 #2B49F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B49F0
}
```

## Border

The CSS property to change the border of an element to Decimal 2836976 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
#2B49F0 }
```

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

```
.border{ border-color:#2B49F0 }
```

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

Here you see how a box with a 4 pixel #2B49F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B49F0; -webkit-box-shadow:4px 4px  
4px 4px #2B49F0; box-shadow:4px 4px 4px  
4px #2B49F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 2836976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B49F0 }
```

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

```
.background{ background-color:#2B49F0 }
```

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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