

Converting Colors

Decimal(9937)

Have a look what the booklet for
Decimal(9937) contains.

Decimal(9937)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(9937)

Conversions

Conversions Part 1

Format	Color
Hex	0026D1
RGB	0, 38, 209
RGB Percent	0%, 15%, 82%
CMY	1.0000, 0.8510, 0.1804
CMYK	1.00, 0.82, 0.00, 0.18
HSL	229°, 100%, 41%
HSV	229°, 100%, 82%
XYZ	12.2017, 5.9897, 60.8346
YIQ	46.1320, -77.5390, 45.1250

Conversions

Conversions Part 2

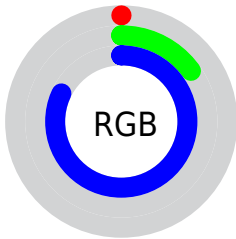
Format	Color
R _{YB}	0, 32, 209
Decimal	9937
CIE Lab	29.39, 56.60, -86.47
CIE LCh	29, 103.349, 303.206
Yxy	5.9897, 0.1544, 0.0758
Android (android.graphics.Color)	4278200017 (0xFF0026D1)
YUV	46.1320, 80.2939, -40.4578
Hunter-Lab	24.4738, 46.1643, -130.2456

Details

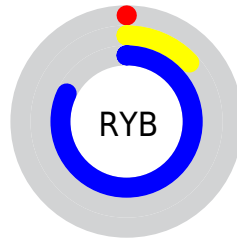
The Decimal color **9937** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **13740800**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **6969343**, and **153** is the 20% darker color. If you saturate the color by 10%, you get **9937**, and if you desaturate by 10%, it is **1390545**.

Distribution



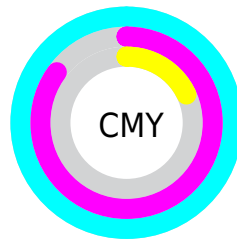
- Red (0%)
- Green (15%)
- Blue (82%)



- Red (0%)
- Yellow (13%)
- Blue (82%)



- Cyan (100%)
- Magenta (82%)
- Yellow (0%)
- Black (18%)




















- Cyan (100%)
- Magenta (85%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9937 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 9937 by changing the saturation by 10% instead.

 9937	 9937
16777215	 3509
 6969343	 153
 9138431	 126
 11242239	 2148
 13346303	 2379
 15385087	 1075
 16768511	 541
 16775935	 0

 9937

■ 1390545

■ 2771153

■ 4151761

■ 5532369

■ 6912977

■ 8228305

■ 9608913

■ 10989521

■ 12370129

Harmonies

Analogous

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



21485



9937



10682512

Triad

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



9937



9114880



23885

Complementary

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



9937



13740800

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.



23296



9937



5129728

Square

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



9937



11862016



22016



24734

Rectangle

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



9937



12386395



22016



23856

Sweetspot

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



9937



11780351



53675



5397120



0



8421504

Same Dimension

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



9937



12031



4325585



6185065



8104



1833

Inverse Universe

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



13697062



16711726



9425152



6905440



11010079



2686983

Previews

White Background



This preview shows how the Decimal color 9937 looks on a white background.

Color Contrast Check

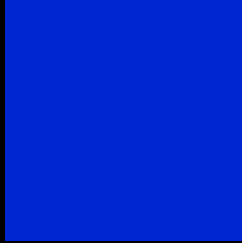
Large Text (above 18pt) WCAG AA ✓ Pass

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 9937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

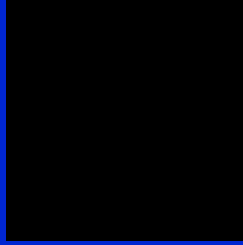
Any Text WCAG AA × Fail

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 9937 Background



This preview shows how black text looks on a background with the Decimal color 9937.

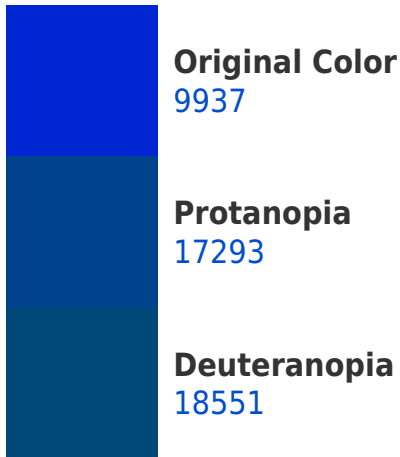


This preview shows how white text looks on a background with the Decimal color 9937.

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](#).

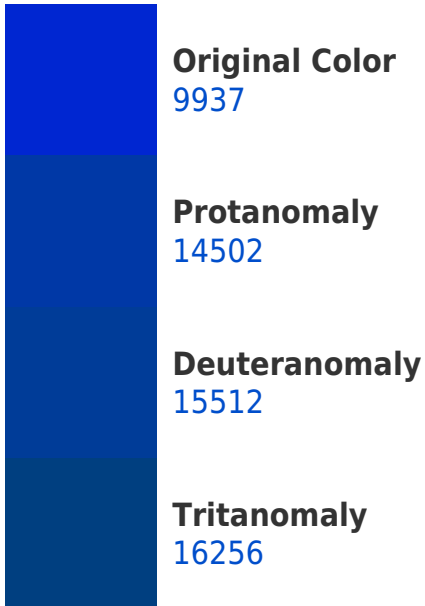
Dichromacy





Tritanopia
19793

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 9937 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 #0026D1 looks like.

```
.text, #text, p{  
    color:#0026D1  
}
```

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 #0026D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0026D1
}
```

Border

The CSS property to change the border of an element to Decimal 9937 is called "border". The border property can be set on classes, ids or directly on the HTML element.

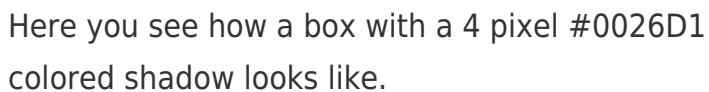
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0026D1 }
```

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

```
.border{ border-color:#0026D1 }
```

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



Here you see how a box with a 4 pixel #0026D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0026D1; -webkit-box-shadow:4px 4px  
4px 4px #0026D1; box-shadow:4px 4px 4px  
4px #0026D1 }
```

Background

The CSS property to change the background color of an element to Decimal 9937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0026D1 }
```

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

```
.background{ background-color:#0026D1 }
```

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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