

Converting Colors

Decimal(12236)

Have a look what the booklet for
Decimal(12236) contains.

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Color

Decimal(12236)

Conversions

Conversions Part 1

Format	Color
Hex	002FCC
RGB	0, 47, 204
RGB Percent	0%, 18%, 80%
CMY	1.0000, 0.8157, 0.2000
CMYK	1.00, 0.77, 0.00, 0.20
HSL	226°, 100%, 40%
HSV	226°, 100%, 80%
XYZ	11.9156, 6.3927, 57.7326
YIQ	50.8450, -78.4090, 38.8630

Conversions

Conversions Part 2

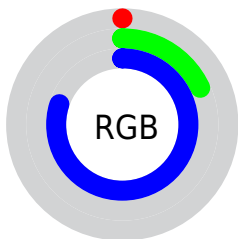
Format	Color
RYB	0, 38, 204
Decimal	12236
CIELab	30.38, 50.32, -81.91
CIELCh	30, 96.129, 301.565
Yxy	6.3927, 0.1567, 0.0841
Android (android.graphics.Color)	4278202316 (0xFF002FCC)
YUV	50.8450, 75.5054, -44.5911
Hunter-Lab	25.2837, 39.8762, -117.6837

Details

The Decimal color **12236** 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 **13409536**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **6774783**, and **1172** is the 20% darker color. If you saturate the color by 10%, you get **12236**, and if you desaturate by 10%, it is **1327052**.

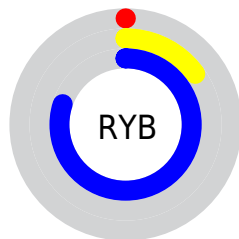
Distribution



Red (0%)

Green (18%)

Blue (80%)



Red (0%)

Yellow (15%)

Blue (80%)

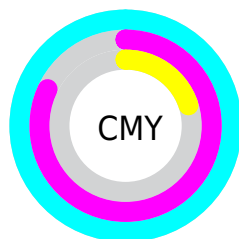


Cyan (100%)

Magenta (77%)

Yellow (0%)

Black (20%)



Cyan (100%)


















Magenta (82%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12236 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 12236 by changing the saturation by 10% instead.

 12236	 12236
 16777215	 6576
 6774783	 1172
 8943871	 122
 11047679	 2143
 13086207	 2119
 15124991	 1071
 16770559	 282
	 0

 12236

■ 1327052

■ 2707148

■ 4021964

■ 5402316

■ 6717132

■ 8031692

■ 9412044

■ 10726860

■ 12106956

Harmonies

Analogous

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



21732



12236



10223761

Triad

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



12236



9247232



24394

Complementary

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



12236



13409536

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.



23808



12236



5588736

Square

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



12236



11730944



22272



24982

Rectangle

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



12236



12058720



22272



24111

Sweetspot

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



12236



11781375



52380



5397632



0



8421504

Same Dimension

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



12236



15359



3539148



6053478



9894



2342

Inverse Universe

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



13369391



16711739



9882624



6708318



10879014



2490377

Previews

White Background



This preview shows how the Decimal color 12236 looks on a white background.

Color Contrast Check

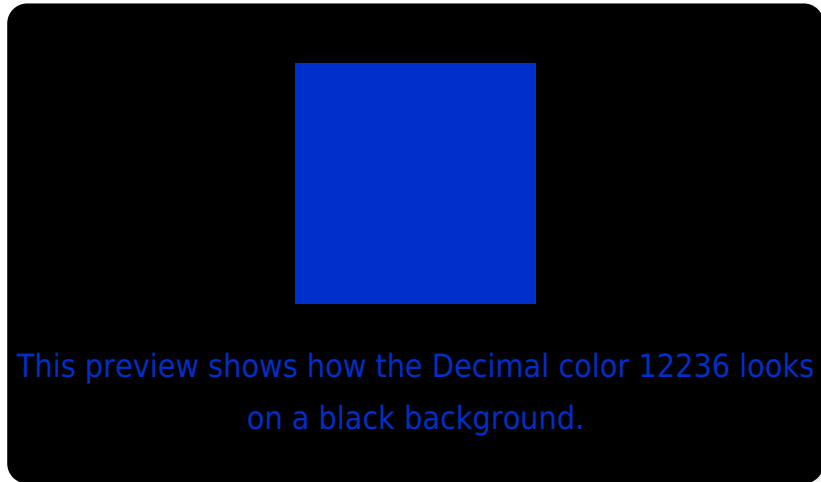
Large Text (above 18pt) WCAG AA ✓ Pass

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

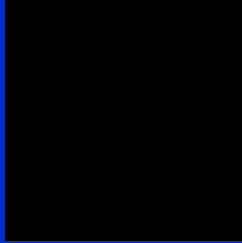
Any Text WCAG AA × Fail

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](#).

Decimal 12236 Background



This preview shows how black text looks on a background with the Decimal color 12236.

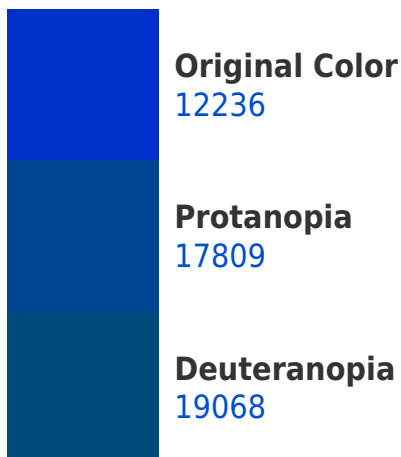


This preview shows how white text looks on a background with the Decimal color 12236.

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
12236

Protanomaly
15782

Deuteranomaly
16537

Tritanomaly
17536

Monochromacy



Original Color
12236

Achromatopsia
3355443

Achromatomaly
2110059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12236 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 #002FCC looks like.

```
.text, #text, p{  
  color:#002FCC  
}
```

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 #002FCC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002FCC
}
```

Border

The CSS property to change the border of an element to Decimal 12236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

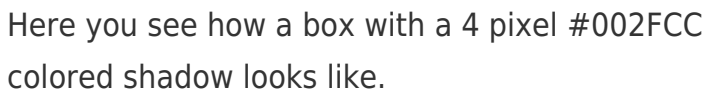
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#002FCC }
```

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

```
.border{ border-color:#002FCC }
```

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



Here you see how a box with a 4 pixel #002FCC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002FCC; -webkit-box-shadow:4px 4px  
4px 4px #002FCC; box-shadow:4px 4px 4px  
4px #002FCC }
```

Background

The CSS property to change the background color of an element to Decimal 12236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002FCC }
```

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

```
.background{ background-color:#002FCC }
```

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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