

Converting Colors

Decimal(5829)

Have a look what the booklet for
Decimal(5829) contains.

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Color

Decimal(5829)

Conversions

Conversions Part 1

Format	Color
Hex	0016C5
RGB	0, 22, 197
RGB Percent	0%, 9%, 77%
CMY	1.0000, 0.9137, 0.2275
CMYK	1.00, 0.89, 0.00, 0.23
HSL	233°, 100%, 39%
HSV	233°, 100%, 77%
XYZ	10.3650, 4.6050, 53.1659
YIQ	35.3720, -69.2870, 49.7610

Conversions

Conversions Part 2

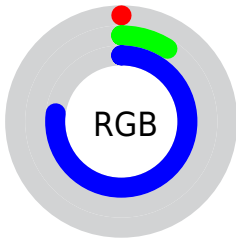
Format	Color
RYB	0, 20, 197
Decimal	5829
CIELab	25.58, 59.66, -85.80
CIELCh	26, 104.507, 304.812
Yxy	4.6050, 0.1521, 0.0676
Android (android.graphics.Color)	4278195909 (0xFF0016C5)
YUV	35.3720, 79.6826, -31.0212
Hunter-Lab	21.4593, 48.6624, -131.8704

Details

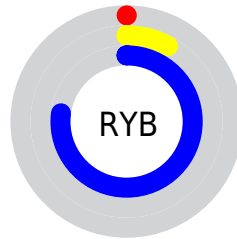
The Decimal color **5829** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **12955392**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **6769151**, and **141** is the 20% darker color. If you saturate the color by 10%, you get **5829**, and if you desaturate by 10%, it is **1321157**.

Distribution



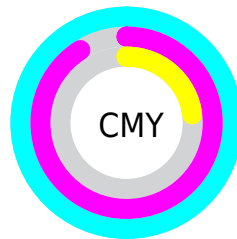
- Red (0%)
- Green (9%)
- Blue (77%)



- Red (0%)
- Yellow (8%)
- Blue (77%)



- Cyan (100%)
- Magenta (89%)
- Yellow (0%)
- Black (23%)




















- Cyan (100%)
- Magenta (91%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5829 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 5829 by changing the saturation by 10% instead.

 5829	 5829
16777215	 169
 6769151	 141
 8938495	 115
 11042303	 3417
 13080831	 1857
 15184895	 810
 16764927	 276
 16772351	 0

 5829

■ 1321157

■ 2570693

■ 3886021

■ 5201093

■ 6516421

■ 7765957

■ 9081285

■ 10396357

■ 11646149

Harmonies

Analogous

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



19172



5829



10158210

Triad

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



5829



8195328



21576

Complementary

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



5829



12955392

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.



20736



5829



4210432

Square

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



5829



10944512



19712



22169

Rectangle

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



5829



11731022



19712



21292

Sweetspot

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



5829



11779071



50606



5396352



0



8421504

Same Dimension

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



5829



7423



4980933



5921635



4771



1060

Inverse Universe

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



12910614



16711708



7980288



6511195



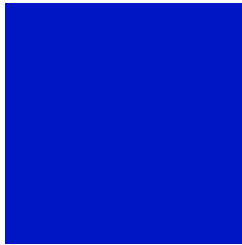
10682386



2359300

Previews

White Background



This preview shows how the Decimal color 5829 looks on a white background.

Color Contrast Check

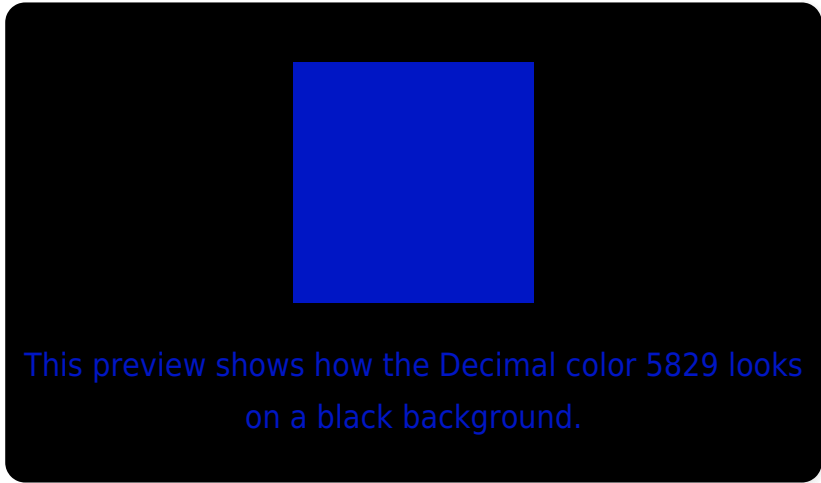
Large Text (above 18pt) WCAG AA ✓ Pass

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

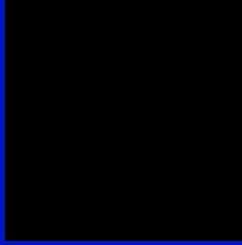
Any Text WCAG AA × Fail

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 5829 Background



This preview shows how black text looks on a background with the Decimal color 5829.

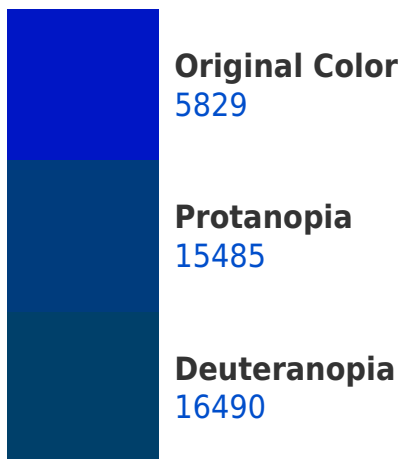



This preview shows how white text looks on a background with the Decimal color 5829.

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
17736

Trichromacy



Original Color
5829

Protanomaly
11927

Deuteranomaly
12683

Tritanomaly
13429

Monochromacy



Original Color
5829

Achromatopsia
2302755

Achromatomaly
1449566

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5829 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 #0016C5 looks like.

```
.text, #text, p{  
    color:#0016C5  
}
```

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 #0016C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0016C5
}
```

Border

The CSS property to change the border of an element to Decimal 5829 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
#0016C5 }
```

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

```
.border{ border-color:#0016C5 }
```

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

Here you see how a box with a 4 pixel #0016C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0016C5; -webkit-box-shadow:4px 4px  
4px 4px #0016C5; box-shadow:4px 4px 4px  
4px #0016C5 }
```

Background

The CSS property to change the background color of an element to Decimal 5829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0016C5 }
```

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

```
.background{ background-color:#0016C5 }
```

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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