

Converting Colors

Decimal(16855)

Have a look what the booklet for
Decimal(16855) contains.

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Color

Decimal(16855)

Conversions

Conversions Part 1

Format	Color
Hex	0041D7
RGB	0, 65, 215
RGB Percent	0%, 25%, 84%
CMY	1.0000, 0.7451, 0.1569
CMYK	1.00, 0.70, 0.00, 0.16
HSL	222°, 100%, 42%
HSV	222°, 100%, 84%
XYZ	14.1560, 8.6869, 65.2206
YIQ	62.6650, -86.8900, 32.8700

Conversions

Conversions Part 2

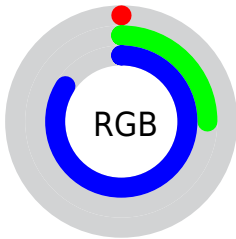
Format	Color
RYB	0, 50, 215
Decimal	16855
CIELab	35.37, 43.59, -80.02
CIELCh	35, 91.121, 298.583
Yxy	8.6869, 0.1607, 0.0986
Android (android.graphics.Color)	4278206935 (0xFF0041D7)
YUV	62.6650, 75.1012, -54.9572
Hunter-Lab	29.4735, 34.1543, -110.5686

Details

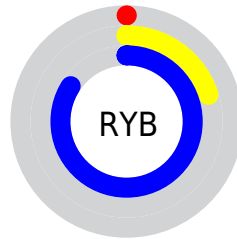
The Decimal color **16855** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **14128640**, and the grayscale version is **4079166**.

A 20% lighter version of the original color is **6910463**, and **6047** is the 20% darker color. If you saturate the color by 10%, you get **16855**, and if you desaturate by 10%, it is **1396951**.

Distribution



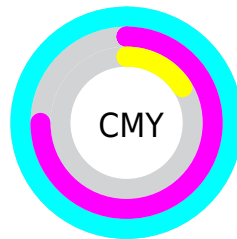
- Red (0%)
- Green (25%)
- Blue (84%)



- Red (0%)
- Yellow (20%)
- Blue (84%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (16%)





















- Cyan (100%)
- Magenta (75%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16855 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 16855 by changing the saturation by 10% instead.

 16855	 16855
 16777215	 11195
 6910463	 6047
 9079551	 1668
 11183615	 105
 13222143	 2640
 15326463	 1336
 16775679	 546
	 7
	 0

■ 16855

■ 1396951

■ 2842583

■ 4288215

■ 5668311

■ 7113943

■ 8494039

■ 9939671

■ 11319767

■ 12765399

Harmonies

Analogous

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



24810



16855



10551457

Triad

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



16855



10429952



27726

Complementary

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



16855



14128640

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.



26880



16855



6901760

Square

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



16855



12648468



1073664



28312

Rectangle

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



16855



12517490



1073664



27444

Sweetspot

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



16855



11782911



55187



5398400



0



8421504

Same Dimension

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



16855



19967



2556119



6317163



13483



3371

Inverse Universe

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



14090305



16711757



11589376



7037028



11206708



2818061

Previews

White Background



This preview shows how the Decimal color 16855 looks on a white background.

Color Contrast Check

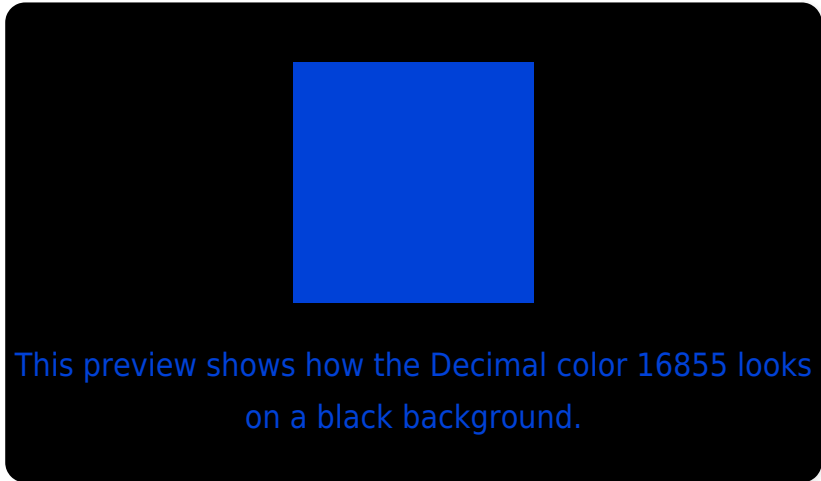
Large Text (above 18pt) WCAG AA ✓ Pass

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

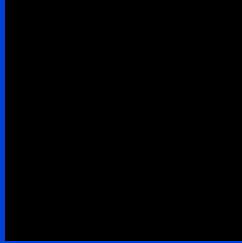
Any Text WCAG AA × Fail

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 16855 Background



This preview shows how black text looks on a background with the Decimal color 16855.



This preview shows how white text looks on a background with the Decimal color 16855.

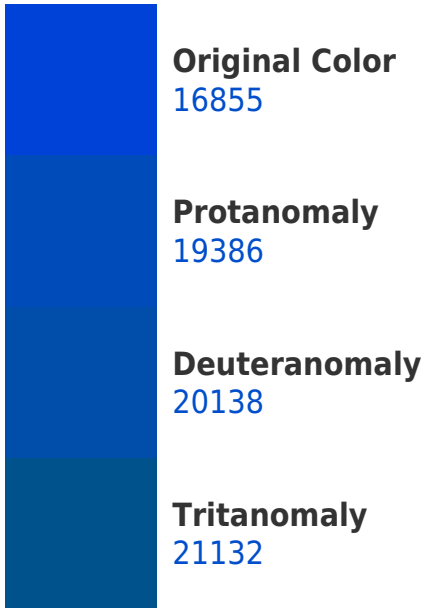
Color Blindness Simulation

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 16855 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 #0041D7 looks like.

```
.text, #text, p{  
    color:#0041D7  
}
```

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 #0041D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0041D7
}
```

Border

The CSS property to change the border of an element to Decimal 16855 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
#0041D7 }
```

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

```
.border{ border-color:#0041D7 }
```

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

Here you see how a box with a 4 pixel #0041D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0041D7; -webkit-box-shadow:4px 4px  
4px 4px #0041D7; box-shadow:4px 4px 4px  
4px #0041D7 }
```

Background

The CSS property to change the background color of an element to Decimal 16855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0041D7 }
```

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

```
.background{ background-color:#0041D7 }
```

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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