

Converting Colors

Decimal(1511)

Have a look what the booklet for
Decimal(1511) contains.

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Color

Decimal(1511)

Conversions

Conversions Part 1

Format	Color
Hex	0005E7
RGB	0, 5, 231
RGB Percent	0%, 2%, 91%
CMY	1.0000, 0.9804, 0.0941
CMYK	1.00, 0.98, 0.00, 0.09
HSL	239°, 100%, 45%
HSV	239°, 100%, 91%
XYZ	14.4781, 5.8781, 75.9728
YIQ	29.2690, -75.5260, 69.2260

Conversions

Conversions Part 2

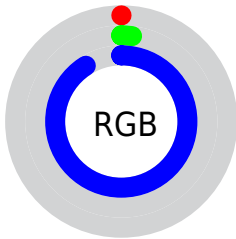
Format	Color
RYB	0, 5, 231
Decimal	1511
CIELab	29.10, 72.62, -99.63
CIELCh	29, 123.286, 306.090
Yxy	5.8781, 0.1503, 0.0610
Android (android.graphics.Color)	4278191591 (0xFF0005E7)
YUV	29.2690, 99.4534, -25.6689
Hunter-Lab	24.2447, 64.1655, -168.8188

Details

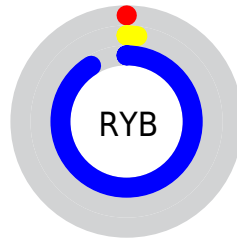
The Decimal color **1511** is a dark color, and the websafe version is hex **3300FF**. The color can be described as dark washed blue. A complement of this color would be **15196672**, and the grayscale version is **1842204**.

A 20% lighter version of the original color is **7489279**, and **173** is the 20% darker color. If you saturate the color by 10%, you get **1511**, and if you desaturate by 10%, it is **1514727**.

Distribution



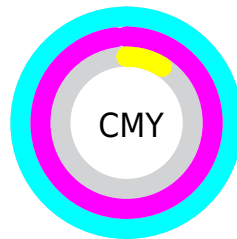
- Red (0%)
- Green (2%)
- Blue (91%)



- Red (0%)
- Yellow (2%)
- Blue (91%)



- Cyan (100%)
- Magenta (98%)
- Yellow (0%)
- Black (9%)






















- Cyan (100%)
- Magenta (98%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1511 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 1511 by changing the saturation by 10% instead.

 1511	 1511
 16777215	 202
 7489279	 173
 9789951	 146
 11959551	 1143
 14129151	 3677
 16233471	 2116
 16764927	 813
 16772351	 279
	 0

- 1511
- 1514727
- 3027687
- 4540903
- 6053863
- 7632615
- 9145831
- 10658791
- 12172007
- 13684967

Harmonies

Analogous

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



22015



1511



12058773

Triad

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



1511



9308416



24407

Complementary

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



1511



15196672

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.



23552



1511



4409600

Square

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



1511



12648448



22528



25272

Rectangle

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



1511



13828182



22528



24117

Sweetspot

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



1511



11777279



59359



5395328



0



8421504

Same Dimension

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



1511



1791



7078119



6776947



1203



307

Inverse Universe

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



15138821



16711686



8120064



7563112



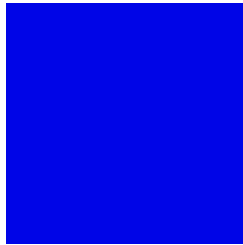
11730948



3342337

Previews

White Background



This preview shows how the Decimal color 1511 looks on a white background.

Color Contrast Check

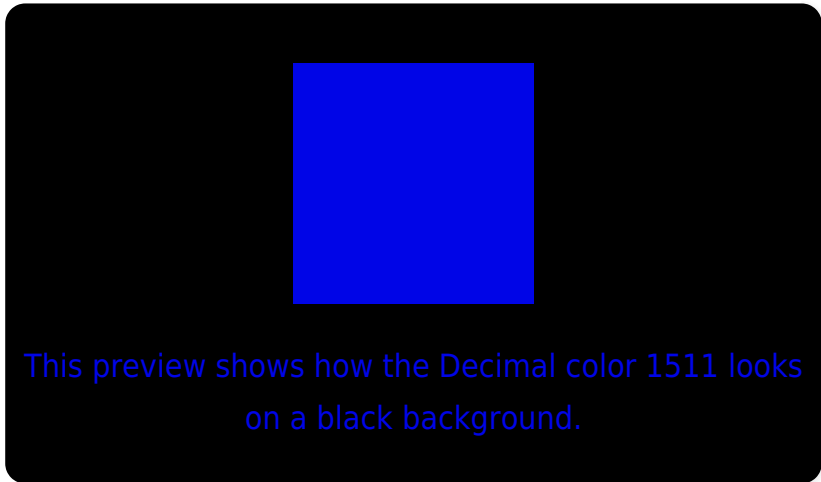
Large Text (above 18pt) WCAG AA ✓ Pass

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 1511 Background



This preview shows how black text looks on a background with the Decimal color 1511.

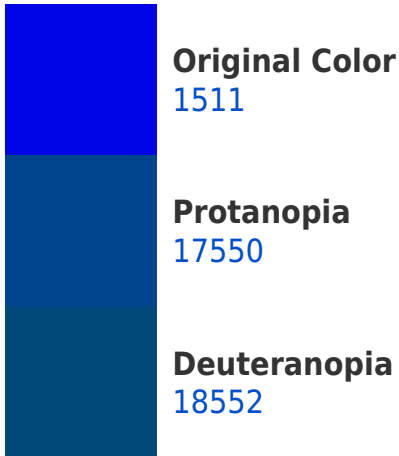


This preview shows how white text looks on a background with the Decimal color 1511.

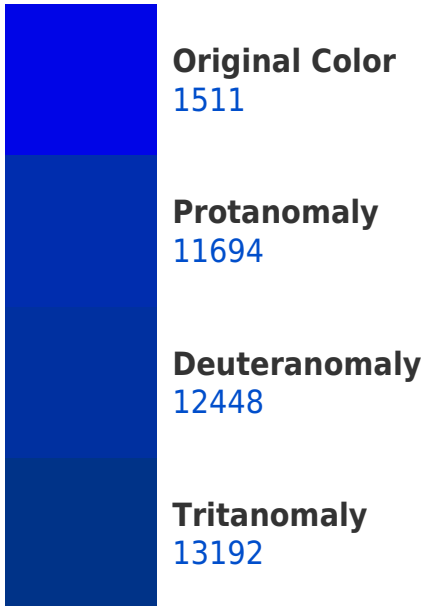
Color Blindness Simulation

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 1511 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 #0005E7 looks like.

```
.text, #text, p{  
    color:#0005E7  
}
```

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 #0005E7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0005E7
}
```

Border

The CSS property to change the border of an element to Decimal 1511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

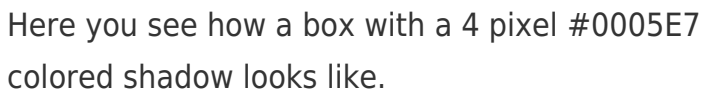
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0005E7 }
```

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

```
.border{ border-color:#0005E7 }
```

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



Here you see how a box with a 4 pixel #0005E7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0005E7; -webkit-box-shadow:4px 4px  
4px 4px #0005E7; box-shadow:4px 4px 4px  
4px #0005E7 }
```

Background

The CSS property to change the background color of an element to Decimal 1511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0005E7 }
```

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

```
.background{ background-color:#0005E7 }
```

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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