

Converting Colors

Decimal(463831)

Have a look what the booklet for
Decimal(463831) contains.

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Color

Decimal(463831)

Conversions

Conversions Part 1

Format	Color
Hex	0713D7
RGB	7, 19, 215
RGB Percent	3%, 7%, 84%
CMY	0.9725, 0.9255, 0.1569
CMYK	0.97, 0.91, 0.00, 0.16
HSL	237°, 94%, 44%
HSV	237°, 97%, 84%
XYZ	12.5862, 5.4172, 64.6722
YIQ	37.7560, -70.0680, 58.4120

Conversions

Conversions Part 2

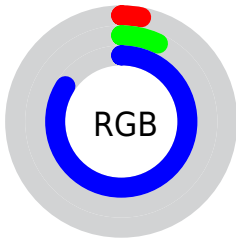
Format	Color
R _Y B	7, 18, 215
Decimal	463831
CIE Lab	27.89, 65.66, -92.44
CIE LCh	28, 113.391, 305.387
Yxy	5.4172, 0.1522, 0.0655
Android (android.graphics.Color)	4278653911 (0xFF0713D7)
YUV	37.7560, 87.3813, -26.9730
Hunter-Lab	23.2749, 55.7953, -148.4522




Details

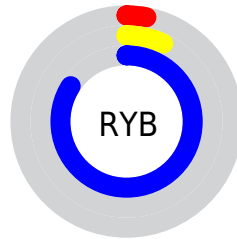
The Decimal color **463831** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **14142215**, and the grayscale version is **2434341**.




A 20% lighter version of the original color is **7228159**, and **158** is the 20% darker color. If you saturate the color by 10%, you get **3287**, and if you desaturate by 10%, it is **1845207**.

Distribution







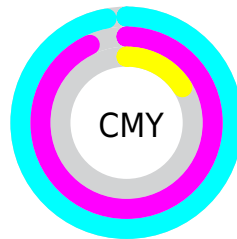
-  Red (3%)
-  Green (7%)
-  Blue (84%)






-  Red (3%)
-  Yellow (7%)
-  Blue (84%)



-  Cyan (97%)
-  Magenta (91%)
-  Yellow (0%)
-  Black (16%)






















-  Cyan (97%)
-  Magenta (93%)
-  Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 463831 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 463831 by changing the saturation by 10% instead.

 463831	 463831
 16777215	 186
 7228159	 158
 9463039	 131
 11566847	 2153
 13671167	 2639
 15775231	 1336
 16765695	 545
 16772863	 6
	 0

■ 463831

■ 463831

■ 3287

■ 1845207

■ 3292375

■ 4673751

■ 6120663

■ 7567575

■ 8949207

■ 10396119

■ 11777495

■ 13224407

Harmonies

Analogous

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



20730



463831



11206797

Triad

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



463831



8850944



23377

Complementary

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



463831



14142215

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.



22528



463831



4474112

Square

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



463831



11927552



21504



24233

Rectangle

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



463831



12910676



21504



23090

Sweetspot

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



463831



11909631



513993



5461376



0



8421504

Same Dimension

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



463831



4095



6358999



6316395



2731



811

Inverse Universe

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



14092051



16711695



8247047



7037025



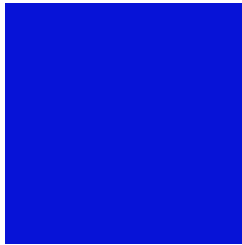
11206666



2818051

Previews

White Background



This preview shows how the Decimal color 463831 looks on a white background.

Color Contrast Check

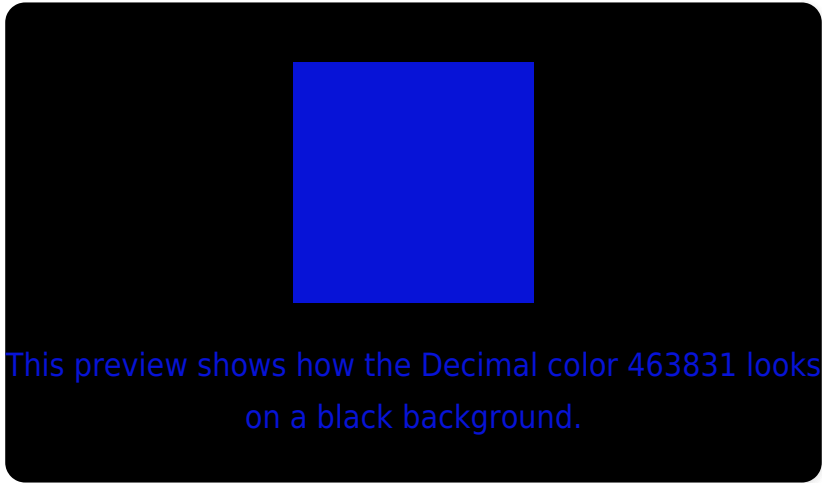
Large Text (above 18pt) WCAG AA ✓ Pass

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

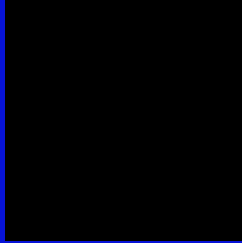
Any Text WCAG AA × Fail

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 463831 Background



This preview shows how black text looks on a background with the Decimal color 463831.



This preview shows how white text looks on a background with the Decimal color 463831.

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
463831

Deuteranomaly
209815

Tritanomaly
210559

Monochromacy



Original Color
463831

Achromatopsia
2500134

Achromatomaly
1777510

CSS Examples

Text

The CSS property to change the color of the text to Decimal 463831 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 #0713D7 looks like.

```
.text, #text, p{  
    color:#0713D7  
}
```

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 #0713D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0713D7
}
```

Border

The CSS property to change the border of an element to Decimal 463831 is called "border". The border property can be set on classes, ids or directly on the HTML element.

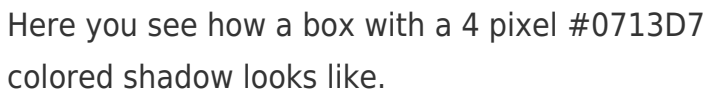
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0713D7 }
```

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

```
.border{ border-color:#0713D7 }
```

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



Here you see how a box with a 4 pixel #0713D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0713D7; -webkit-box-shadow:4px 4px  
4px 4px #0713D7; box-shadow:4px 4px 4px  
4px #0713D7 }
```

Background

The CSS property to change the background color of an element to Decimal 463831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0713D7 }
```

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

```
.background{ background-color:#0713D7 }
```

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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