

Converting Colors

Decimal(481230)

Have a look what the booklet for
Decimal(481230) contains.

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Color

Decimal(481230)

Conversions

Conversions Part 1

Format	Color
Hex	0757CE
RGB	7, 87, 206
RGB Percent	3%, 34%, 81%
CMY	0.9725, 0.6588, 0.1922
CMYK	0.97, 0.58, 0.00, 0.19
HSL	216°, 93%, 42%
HSV	216°, 97%, 81%
XYZ	14.6364, 11.3178, 59.8056
YIQ	76.6460, -85.8790, 20.0490

Conversions

Conversions Part 2

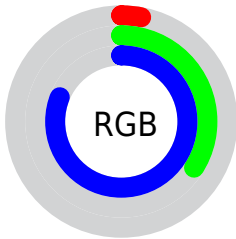
Format	Color
RYB	7, 64, 206
Decimal	481230
CIELab	40.11, 26.14, -67.05
CIELCh	40, 71.966, 291.302
Yxy	11.3178, 0.1707, 0.1320
Android (android.graphics.Color)	4278671310 (0xFF0757CE)
YUV	76.6460, 63.7715, -61.0795
Hunter-Lab	33.6419, 18.7856, -81.8512

Details

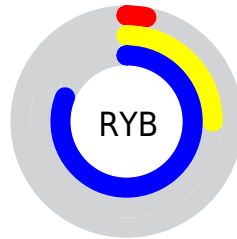
The Decimal color **481230** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed blue. A complement of this color would be **13532679**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **6719743**, and **11159** is the 20% darker color. If you saturate the color by 10%, you get **21454**, and if you desaturate by 10%, it is **1860558**.

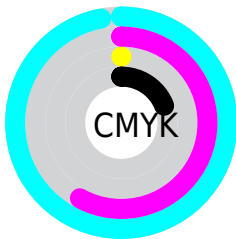
Distribution



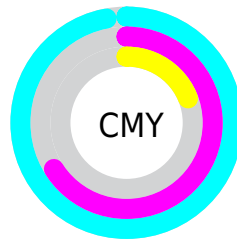
- Red (3%)
- Green (34%)
- Blue (81%)



- Red (3%)
- Yellow (25%)
- Blue (81%)



- Cyan (97%)
- Magenta (58%)
- Yellow (0%)
- Black (19%)



- Cyan (97%)
- Magenta (66%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 481230 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 481230 by changing the saturation by 10% instead.



481230



481230

16777215



16562



6719743



11159



8823551



6524



10862079



98



12835327



2377



14874111



1074



284



0



481230



481230

■ 21454

■ 1860558

■ 3174606

■ 4553934

■ 5867726

■ 7247310

■ 8626638

■ 9940430

■ 11320014

■ 12633806

Harmonies

Analogous

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



27605



481230



9515945

Triad

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



481230



11155200



30027

Complementary

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



481230



13532679

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.



28928



481230



8541696

Square

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



481230



12582968



5007360



30600

Rectangle

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



481230



11667590



5007360



29750

Sweetspot

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



481230



11916287



511611



5465472



0



8421504

Same Dimension

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



481230



26623



1574862



6053990



17318



3878

Inverse Universe

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



13502295



16711783



12439047



6708320



10879043



2490383

Previews

White Background



This preview shows how the Decimal color 481230 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 × Fail

Black Background



This preview shows how the Decimal color 481230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

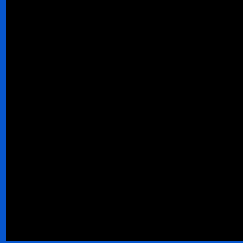
Any Text WCAG AA × Fail

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 481230 Background



This preview shows how black text looks on a background with the Decimal color 481230.



This preview shows how white text looks on a background with the Decimal color 481230.

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
26991

Trichromacy



Original Color
481230

Protanomaly
219845

Deuteranomaly
220596

Tritanomaly
221842

Monochromacy



Original Color
481230

Achromatopsia
5066061

Achromatomaly
3428732

CSS Examples

Text

The CSS property to change the color of the text to Decimal 481230 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 #0757CE looks like.

```
.text, #text, p{  
    color:#0757CE  
}
```

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 #0757CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0757CE
}
```

Border

The CSS property to change the border of an element to Decimal 481230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

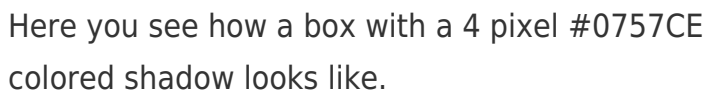
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0757CE }
```

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

```
.border{ border-color:#0757CE }
```

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



Here you see how a box with a 4 pixel #0757CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0757CE; -webkit-box-shadow:4px 4px  
4px 4px #0757CE; box-shadow:4px 4px 4px  
4px #0757CE }
```

Background

The CSS property to change the background color of an element to Decimal 481230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0757CE }
```

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

```
.background{ background-color:#0757CE }
```

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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