

Converting Colors

Decimal(458956)

Have a look what the booklet for
Decimal(458956) contains.

Decimal(458956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(458956)

Conversions

Conversions Part 1

Format	Color
Hex	0700CC
RGB	7, 0, 204
RGB Percent	3%, 0%, 80%
CMY	0.9725, 1.0000, 0.2000
CMYK	0.97, 1.00, 0.00, 0.20
HSL	242°, 100%, 40%
HSV	242°, 100%, 80%
XYZ	10.9867, 4.4048, 57.3979
YIQ	25.3490, -61.3120, 64.9280

Conversions

Conversions Part 2

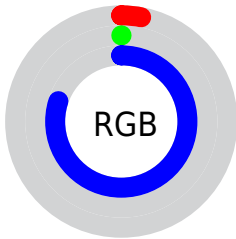
Format	Color
RYB	7, 0, 204
Decimal	458956
CIELab	24.97, 66.98, -90.93
CIELCh	25, 112.938, 306.377
Yxy	4.4048, 0.1509, 0.0605
Android (android.graphics.Color)	4278649036 (0xFF0700CC)
YUV	25.3490, 88.0749, -16.0921
Hunter-Lab	20.9876, 56.7137, -147.4576

Details

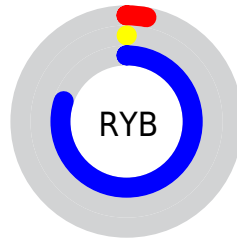
The Decimal color **458956** is a dark color, and the websafe version is hex **0000CC**. The color can be described as dark washed blue. A complement of this color would be **12962816**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **7094527**, and **148** is the 20% darker color. If you saturate the color by 10%, you get **458956**, and if you desaturate by 10%, it is **1774796**.

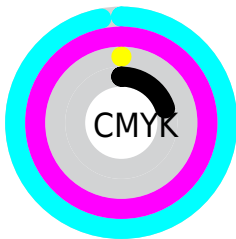
Distribution



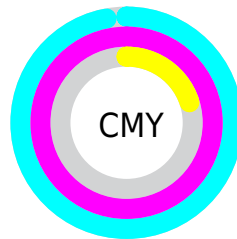
- Red (3%)
- Green (0%)
- Blue (80%)



- Red (3%)
- Yellow (0%)
- Blue (80%)



- Cyan (97%)
- Magenta (100%)
- Yellow (0%)
- Black (20%)





















- Cyan (97%)
- Magenta (100%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 458956 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 458956 by changing the saturation by 10% instead.

 458956	 458956
 16777215	 176
 7094527	 148
 9263871	 121
 11367935	 3423
 13471999	 2118
 15576063	 1071
 16763135	 281
 16770303	 0

 458956

■ 1774796

■ 3025356

■ 4341196

■ 5657292

■ 6973132

■ 8223436

■ 9539532

■ 10855372

■ 12105932

Harmonies

Analogous

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



18928



458956



10682498

Triad

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



458956



8128256



21325

Complementary

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



458956



12962816

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



458956



3751680

Square

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



458956



11141120



19456



22179

Rectangle

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



458956



12255306



19456



21038

Sweetspot

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



458956



11908095



50636



5460608



0



8421504

Same Dimension

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



458956



590079



7143628



6052966



393382



65574

Inverse Universe

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



13369541



16711926



6278144



6708326



10879136



2490405

Previews

White Background



This preview shows how the Decimal color 458956 looks on a white background.

Color Contrast Check

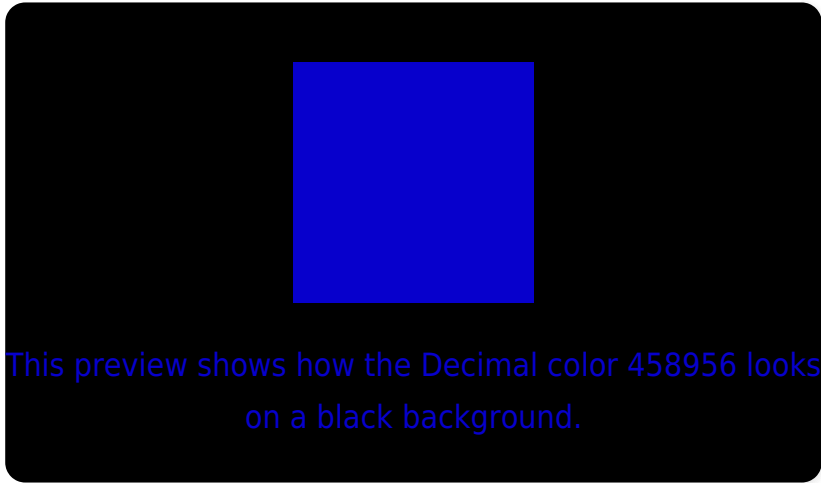
Large Text (above 18pt) WCAG AA ✓ Pass

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

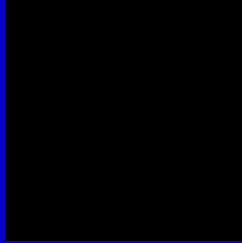
Any Text WCAG AA × Fail

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 458956 Background



This preview shows how black text looks on a background with the Decimal color 458956.

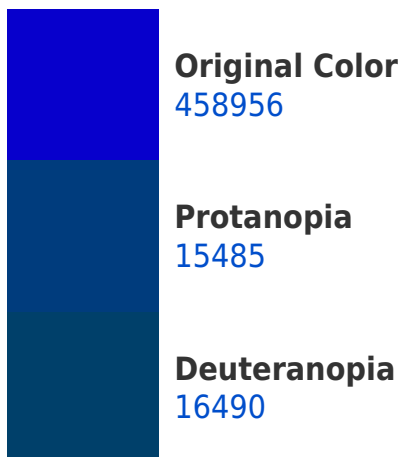



This preview shows how white text looks on a background with the Decimal color 458956.

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
458956

Protanomaly
206490

Deuteranomaly
207246

Tritanomaly
207992

Monochromacy



Original Color
458956

Achromatopsia
1644825

Achromatomaly
1183834

CSS Examples

Text

The CSS property to change the color of the text to Decimal 458956 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 #0700CC looks like.

```
.text, #text, p{  
    color:#0700CC  
}
```

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 #0700CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0700CC }  
}
```

Border

The CSS property to change the border of an element to Decimal 458956 is called "border". The border property can be set on classes, ids or directly on the HTML element.

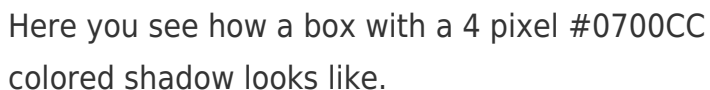
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #0700CC }  
}
```

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

```
.border{ border-color:#0700CC }
```

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



Here you see how a box with a 4 pixel #0700CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0700CC; -webkit-box-shadow:4px 4px  
4px 4px #0700CC; box-shadow:4px 4px 4px  
4px #0700CC }
```

Background

The CSS property to change the background color of an element to Decimal 458956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0700CC }
```

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

```
.background{ background-color:#0700CC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor