

# Converting Colors

Decimal(531652)

Have a look what the booklet for  
Decimal(531652) contains.

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# Color

**Decimal(531652)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	081CC4
RGB	8, 28, 196
RGB Percent	3%, 11%, 77%
CMY	0.9686, 0.8902, 0.2314
CMYK	0.96, 0.86, 0.00, 0.23
HSL	234°, 92%, 40%
HSV	234°, 96%, 77%
XYZ	10.4792, 4.8677, 52.6118
YIQ	41.1720, -65.8480, 48.0080

# Conversions

## Conversions Part 2

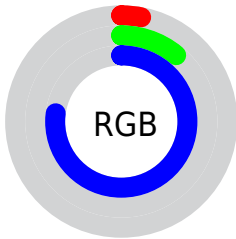
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	8, 26, 196
Decimal	531652
CIE <sub>Lab</sub>	26.35, 57.19, -83.92
CIE <sub>LCh</sub>	26, 101.553, 304.276
Yxy	4.8677, 0.1542, 0.0716
Android (android.graphics.Color)	4278721732 (0xFF081CC4)
YUV	41.1720, 76.3302, -29.0918
Hunter-Lab	22.0628, 46.1727, -125.9415

# Details

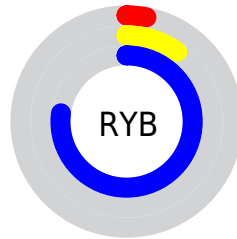
The Decimal color **531652** is a dark color, and the websafe version is hex **0033CC**. The color can be described as dark washed blue. A complement of this color would be **12890120**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **6835966**, and **140** is the 20% darker color. If you saturate the color by 10%, you get **5572**, and if you desaturate by 10%, it is **1846980**.

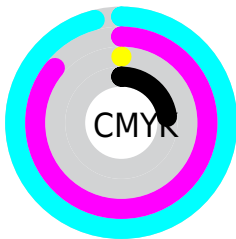
# Distribution



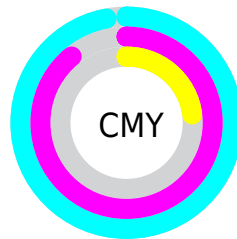
- Red (3%)
- Green (11%)
- Blue (77%)



- Red (3%)
- Yellow (10%)
- Blue (77%)



- Cyan (96%)
- Magenta (86%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (89%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 531652 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 531652 by changing the saturation by 10% instead.



 531652  531652

16777215  168

 6835966  140

 9005055  114


 11043327  3160

 13081855  1856

 15185919  809

 16766207  275

 16773375  0

 531652  531652

■ 5572

■ 1846980

■ 3096516

■ 4411844

■ 5661380

■ 6976708

■ 8291780

■ 9541572

■ 10856644

■ 12106436

# Harmonies

## Analogous

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



19425



531652



10092676

# Triad

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



531652



8327424



21832

# Complementary

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



531652



12890120

# 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.



21248



531652



4472832

# Square

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



531652



11010048



19968



22679

# Rectangle

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



531652



11731025



19968



21549



# Sweetspot

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



531652



11910655



574638



5462144



0



8421504



# Same Dimension

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



531652



7167



5245124



5724257



4513



1057



# Inverse Universe

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



12847132



16711707



8176648



6379352



10551313

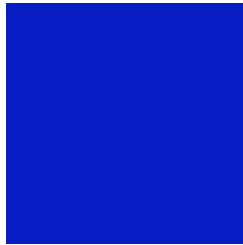


2162692



# Previews

## White Background



This preview shows how the Decimal color 531652 looks on a white background.

### Color Contrast Check

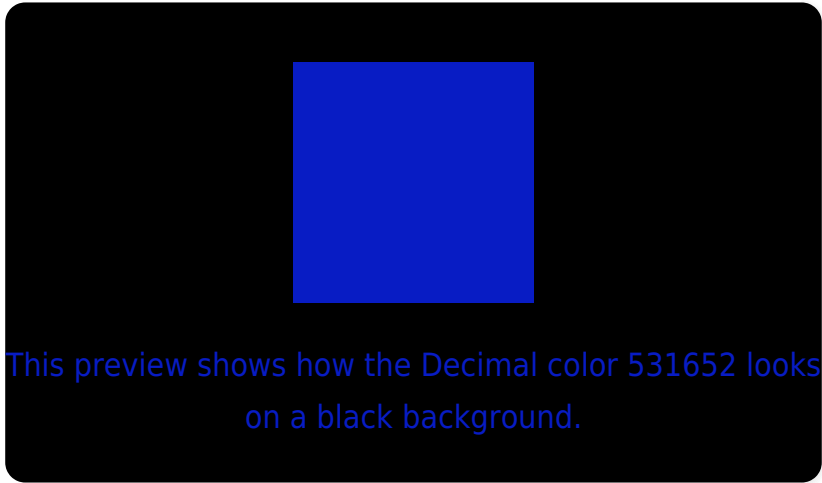
Large Text (above 18pt) WCAG AA ✓ Pass

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

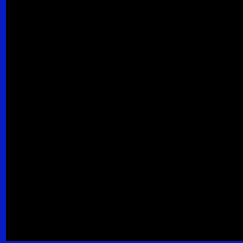
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 531652 Background



This preview shows how black text looks on a background with the Decimal color 531652.

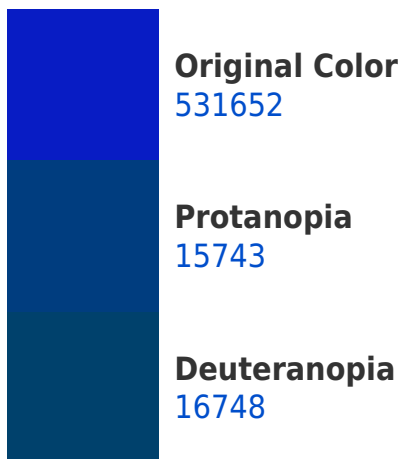


This preview shows how white text looks on a background with the Decimal color 531652.

# 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**  
17993

# Trichromacy



**Original Color**  
531652

**Protanomaly**  
209304

**Deuteranomaly**  
210060

**Tritanomaly**  
210806

# Monochromacy



**Original Color**  
531652

**Achromatopsia**  
2697513

**Achromatomaly**  
1909857

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 531652 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 #081CC4 looks like.

```
.text, #text, p{  
    color:#081CC4  
}
```

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 #081CC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #081CC4
}
```

## Border

The CSS property to change the border of an element to Decimal 531652 is called "border". The border property can be set on classes, ids or directly on the HTML element.

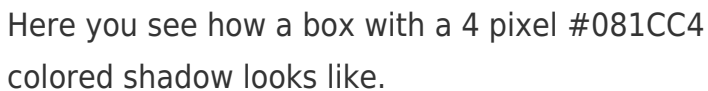
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#081CC4 }
```

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

```
.border{ border-color:#081CC4 }
```

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



Here you see how a box with a 4 pixel #081CC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #081CC4; -webkit-box-shadow:4px 4px  
4px 4px #081CC4; box-shadow:4px 4px 4px  
4px #081CC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 531652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#081CC4 }
```

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

```
.background{ background-color:#081CC4 }
```

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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