

# Converting Colors

Decimal(937680)

Have a look what the booklet for  
Decimal(937680) contains.

<b>Decimal(937680)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	28

# Color

**Decimal(937680)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0E4ED0
RGB	14, 78, 208
RGB Percent	5%, 31%, 82%
CMY	0.9451, 0.6941, 0.1843
CMYK	0.93, 0.62, 0.00, 0.18
HSL	220°, 87%, 44%
HSV	220°, 93%, 82%
XYZ	14.2907, 10.0962, 60.8701
YIQ	73.6840, -79.8740, 26.8620

# Conversions

## Conversions Part 2

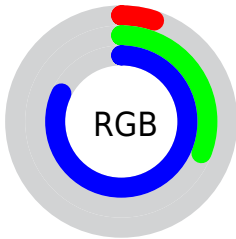
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 62, 208
Decimal	937680
CIE <sub>Lab</sub>	38.01, 33.05, -71.63
CIE <sub>LCh</sub>	38, 78.887, 294.770
Yxy	10.0962, 0.1676, 0.1184
Android (android.graphics.Color)	4279127760 (0xFF0E4ED0)
YUV	73.6840, 66.2178, -52.3429
Hunter-Lab	31.7745, 24.6753, -91.3389

# Details

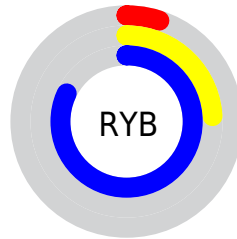
The Decimal color **937680** is a dark color, and the websafe version is hex **0066FF**. The color can be described as dark washed blue. A complement of this color would be **13668366**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **6848255**, and **9112** is the 20% darker color. If you saturate the color by 10%, you get **17872**, and if you desaturate by 10%, it is **2317520**.

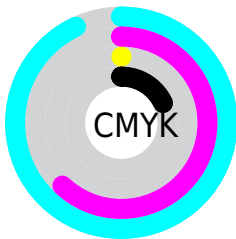
# Distribution



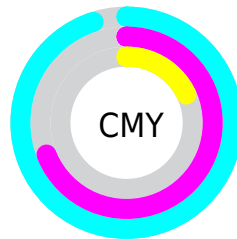
- Red (5%)
- Green (31%)
- Blue (82%)



- Red (5%)
- Yellow (24%)
- Blue (82%)



- Cyan (93%)
- Magenta (62%)
- Yellow (0%)
- Black (18%)



- Cyan (95%)
- Magenta (69%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 937680 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 937680 by changing the saturation by 10% instead.



■ 937680                      ■ 937680

16777215                      ■ 14516

■ 6848255                      ■ 9112

■ 9017599                      ■ 4734

■ 11056127                      ■ 100

■ 13094655                      ■ 2379

■ 15068159                      ■ 1075

■ 541

■ 0

■ 937680                      ■ 937680

■ 17872

■ 2317520

■ 3697360

■ 5011664

■ 6391504

■ 7771344

■ 9151184

■ 10531024

■ 11845328

■ 13224912

# Harmonies

## Analogous

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



26332



937680



9903013

# Triad

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



937680



10825984



29004

# Complementary

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



937680



13668366

# 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.



28160



937680



7820032

# Square

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



937680



12582953



3761408



29582

# Rectangle

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



937680



11993213



3761408



28725



# Sweetspot

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



937680



12111871



970895



5530240



0



8421504



# Same Dimension

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



937680



21759



3018448



6185577



14504



3369



# Inverse Universe

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



13635150



16711764



11587598



6905442



11010104



2686989



# Previews

## White Background



This preview shows how the Decimal color 937680 looks on a white background.

### Color Contrast Check

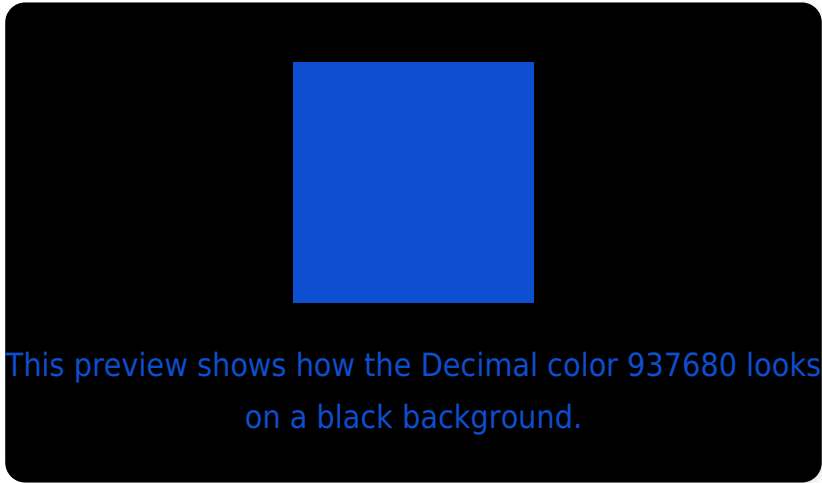
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

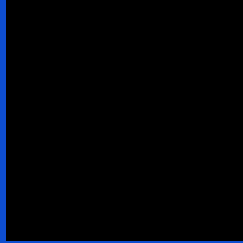
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 937680 Background



This preview shows how black text looks on a background with the Decimal color 937680.

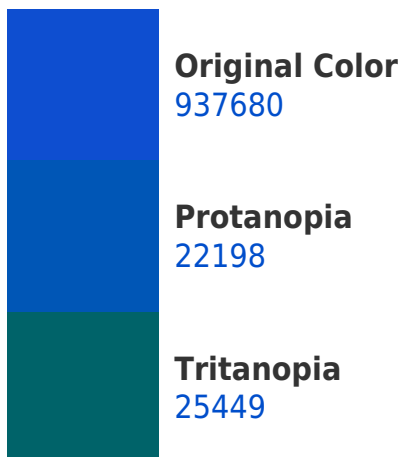


This preview shows how white text looks on a background with the Decimal color 937680.

# 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**  
937680

**Protanomaly**  
349119

**Tritanomaly**  
351118

# Monochromacy



**Original Color**  
937680

**Achromatopsia**  
4868682

**Achromatomaly**  
3427195

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 937680 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 #0E4ED0 looks like.

```
.text, #text, p{  
    color:#0E4ED0  
}
```

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 #0E4ED0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E4ED0
}
```

## Border

The CSS property to change the border of an element to Decimal 937680 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
#0E4ED0 }
```

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

```
.border{ border-color:#0E4ED0 }
```

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

Here you see how a box with a 4 pixel #0E4ED0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E4ED0; -webkit-box-shadow:4px 4px  
4px 4px #0E4ED0; box-shadow:4px 4px 4px  
4px #0E4ED0 }
```

# Background

The CSS property to change the background color of an element to Decimal 937680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E4ED0 }
```

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

```
.background{ background-color:#0E4ED0 }
```

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