

# Converting Colors

Decimal(987076)

Have a look what the booklet for  
Decimal(987076) contains.

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# Color

**Decimal(987076)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F0FC4
RGB	15, 15, 196
RGB Percent	6%, 6%, 77%
CMY	0.9412, 0.9412, 0.2314
CMYK	0.92, 0.92, 0.00, 0.23
HSL	240°, 86%, 41%
HSV	240°, 92%, 77%
XYZ	10.3316, 4.4287, 52.5348
YIQ	35.6340, -58.1010, 56.2910

# Conversions

## Conversions Part 2

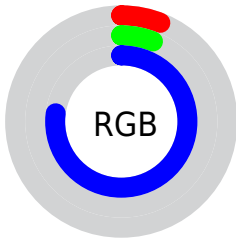
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	15, 15, 196
Decimal	987076
CIE <sub>Lab</sub>	25.04, 61.72, -86.10
CIE <sub>LCh</sub>	25, 105.942, 305.634
Yxy	4.4287, 0.1535, 0.0658
Android (android.graphics.Color)	4279177156 (0xFF0F0FC4)
YUV	35.6340, 79.0604, -18.0960
Hunter-Lab	21.0445, 50.8050, -133.2783

# Details

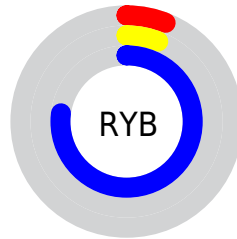
The Decimal color **987076** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **12895247**, and the grayscale version is **2302755**.

A 20% lighter version of the original color is **6964990**, and **140** is the 20% darker color. If you saturate the color by 10%, you get **196**, and if you desaturate by 10%, it is **2302916**.

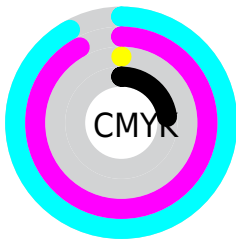
# Distribution



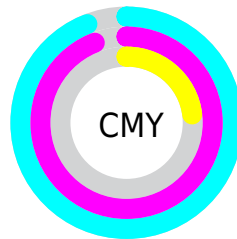
- Red (6%)
- Green (6%)
- Blue (77%)



- Red (6%)
- Yellow (6%)
- Blue (77%)



- Cyan (92%)
- Magenta (92%)
- Yellow (0%)
- Black (23%)



- Cyan (94%)
- Magenta (94%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 987076 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 987076 by changing the saturation by 10% instead.



 987076  987076

16777215  168

 6964990  140

 9134079  114

 11238143  3160

 13276415  1856

 15315199  809

 16764159  275

 16771583  0

 987076  987076

■ 196

■ 2302916

■ 3552964

■ 4868804

■ 6118852

■ 7434692

■ 8750532

■ 10000580

■ 11316420

■ 12566468

# Harmonies

## Analogous

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



18661



987076



10223744

# Triad

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



987076



8064256



21322

# Complementary

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



987076



12895247

# 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.



20480



987076



3948288

# Square

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



987076



10878976



19456



21915

# Rectangle

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



987076



11796555



19456



21037



# Sweetspot

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



987076



12105983



1033412



5526656



0



8421504



# Same Dimension

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



987076



255



6950852



5724001



161



33



# Inverse Universe

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



12849092



16711935



6997007



6379361



10551457

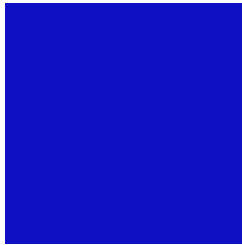


2162721



# Previews

## White Background



This preview shows how the Decimal color 987076 looks on a white background.

## Color Contrast Check

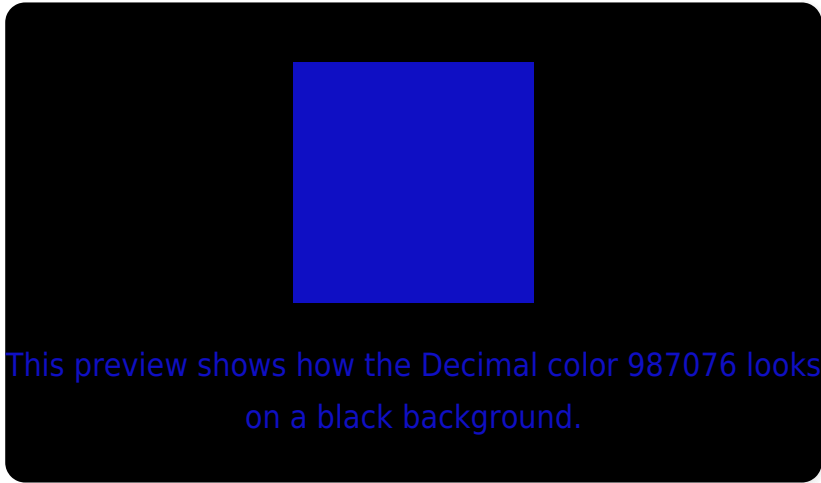
Large Text (above 18pt) WCAG AA ✓ Pass

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

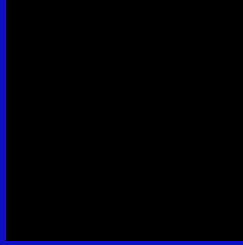
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 987076 Background



This preview shows how black text looks on a background with the Decimal color 987076.

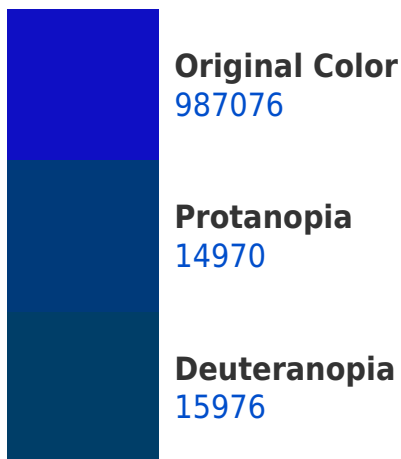


This preview shows how white text looks on a background with the Decimal color 987076.

# 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**  
987076

**Protanomaly**  
338581

**Deuteranomaly**  
339337

**Tritanomaly**  
340084

# Monochromacy



**Original Color**  
987076

**Achromatopsia**  
2368548

**Achromatomaly**  
1842270

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 987076 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 #0F0FC4 looks like.

```
.text, #text, p{  
    color:#0F0FC4  
}
```

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 #0F0FC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F0FC4
}
```

## Border

The CSS property to change the border of an element to Decimal 987076 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".

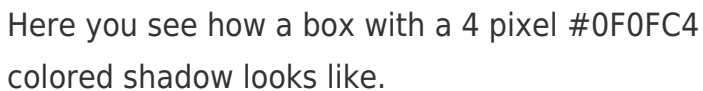
```
.border, #border, table{ border:4px solid
#0F0FC4 }
```

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

```
.border{ border-color:#0F0FC4 }
```

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

Here you see how a box with a 4 pixel #0F0FC4 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The shadow is a darker blue and is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and describes the shadow.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F0FC4; -webkit-box-shadow:4px 4px  
4px 4px #0F0FC4; box-shadow:4px 4px 4px  
4px #0F0FC4 }
```

# Background

The CSS property to change the background color of an element to Decimal 987076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F0FC4 }
```

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

```
.background{ background-color:#0F0FC4 }
```

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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