

Converting Colors

Decimal(966400)

Have a look what the booklet for
Decimal(966400) contains.

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Color

Decimal(966400)

Conversions

Conversions Part 1

Format	Color
Hex	0EBF00
RGB	14, 191, 0
RGB Percent	5%, 75%, 0%
CMY	0.9451, 0.2510, 1.0000
CMYK	0.93, 0.00, 1.00, 0.25
HSL	116°, 100%, 37%
HSV	116°, 100%, 75%
XYZ	18.8119, 37.3550, 6.2187
YIQ	116.3030, -44.1810, -96.9250

Conversions

Conversions Part 2

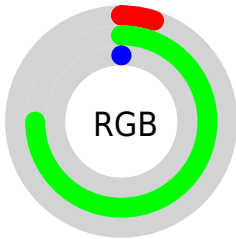
Format	Color
RYB	0, 191, 177
Decimal	966400
CIELab	67.54, -68.71, 67.02
CIELCh	68, 95.982, 135.715
Yxy	37.3550, 0.3015, 0.5988
Android (android.graphics.Color)	4279156480 (0xFF0EBF00)
YUV	116.3030, -57.3374, -89.7197
Hunter-Lab	61.1187, -52.0167, 36.7504

Details

The Decimal color **966400** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **11600063**, and the grayscale version is **7697781**.

A 20% lighter version of the original color is **6879566**, and **34816** is the 20% darker color. If you saturate the color by 10%, you get **966400**, and if you desaturate by 10%, it is **2146067**.

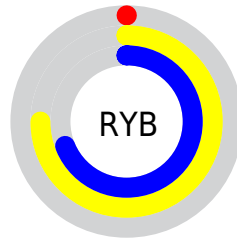
Distribution



Red (5%)

Green (75%)

Blue (0%)



Red (0%)

Yellow (75%)

Blue (69%)

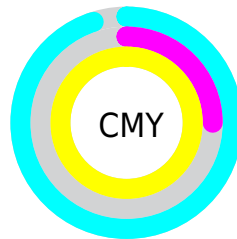


Cyan (93%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (95%)


















Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 966400 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 966400 by changing the saturation by 10% instead.

 966400	 966400
16777215	 41728
 6879566	 34816
 9043819	 27904
 11075463	 21248
 13107108	 15104
 15138752	 8704
 16777182	 0
 16777211	
 966400	

 2146067

 3260198

 4439865

 5619532

 6799200

 7913331

 9092998

 10272665

 11386796

Harmonies

Analogous

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



10333952



966400



51062

Triad

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



966400



48127



16723579

Complementary

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



966400



1160063

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.



16726738



966400



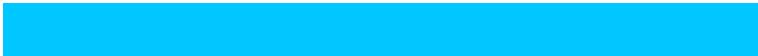
41215

Square

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



966400



51199



14578687



16737573

Rectangle

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



966400



51635



14578687



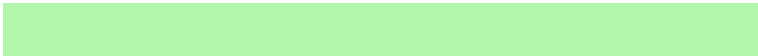
16721048

Sweetspot

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



966400



11794349



12562176



5471568



16579836



8224125

Same Dimension

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



966400



1242880



48976



5660245



826880



139008

Inverse Universe

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



11600063



15007991



12517487



6182238



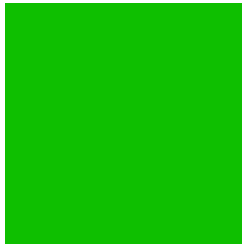
9633950



1835039

Previews

White Background



This preview shows how the Decimal color 966400 looks on a white background.

Color Contrast Check

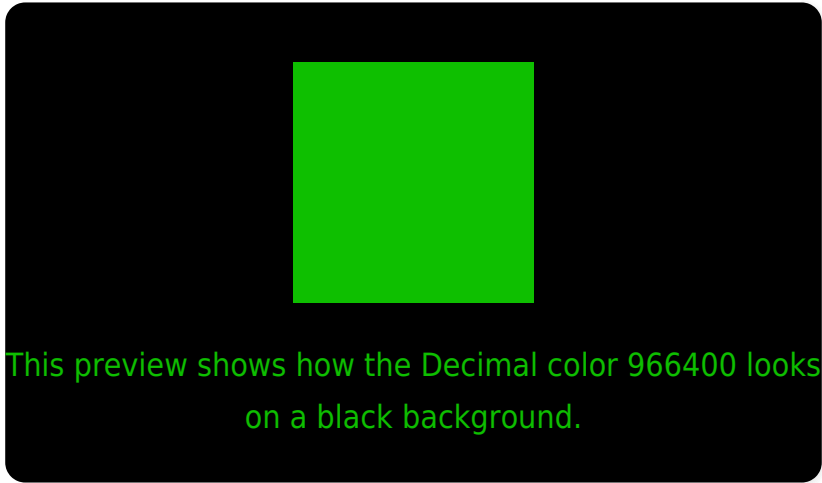
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Decimal 966400 Background



This preview shows how black text looks on a background with the Decimal color 966400.



This preview shows how white text looks on a background with the Decimal color 966400.

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](#).

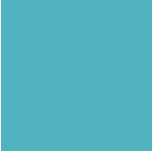
Dichromacy



Original Color
966400

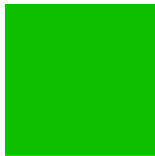
Protanopia
12100608

Deuteranopia
13474601



Tritanopia
5354176

Trichromacy



Original Color

966400



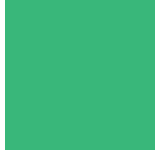
Protanomaly

8039936



Deuteranomaly

8955930



Tritanomaly

3782522

Monochromacy



Original Color

966400



Achromatopsia

7631988



Achromatomaly

5214026

CSS Examples

Text

The CSS property to change the color of the text to Decimal 966400 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 #0EBF00 looks like.

```
.text, #text, p{  
    color:#0EBF00  
}
```

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 #0EBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EBF00
}
```

Border

The CSS property to change the border of an element to Decimal 966400 is called "border". The border property can be set on classes, ids or directly on the HTML element.

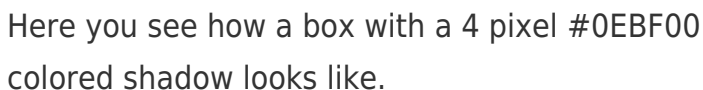
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0EBF00 }
```

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

```
.border{ border-color:#0EBF00 }
```

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



Here you see how a box with a 4 pixel #0EBF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EBF00; -webkit-box-shadow:4px 4px  
4px 4px #0EBF00; box-shadow:4px 4px 4px  
4px #0EBF00 }
```

Background

The CSS property to change the background color of an element to Decimal 966400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EBF00 }
```

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

```
.background{ background-color:#0EBF00 }
```

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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