

# Converting Colors

Decimal(966272)

Have a look what the booklet for  
Decimal(966272) contains.

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# **Color**

**Decimal(966272)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EBE80
RGB	14, 190, 128
RGB Percent	5%, 75%, 50%
CMY	0.9451, 0.2549, 0.4980
CMYK	0.93, 0.00, 0.33, 0.25
HSL	159°, 86%, 40%
HSV	159°, 93%, 75%
XYZ	22.4908, 38.4788, 26.6638
YIQ	130.3080, -84.9940, -56.5940

# Conversions

## Conversions Part 2

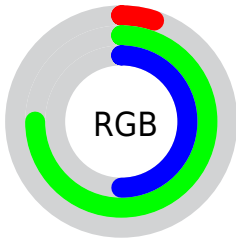
Format	Color
<a href="#">RYB</a>	<a href="#">14, 121, 190</a>
Decimal	<a href="#">966272</a>
CIELab	<a href="#">68.37, -54.41, 20.34</a>
CIELCh	<a href="#">68, 58.089, 159.501</a>
Yxy	<a href="#">38.4788, 0.2566, 0.4391</a>
Android (android.graphics.Color)	<a href="#">4279156352 (0xFF0EBE80)</a>
YUV	<a href="#">130.3080, -1.1378, -102.0021</a>
Hunter-Lab	<a href="#">62.0313, -43.8355, 17.9364</a>

# Details

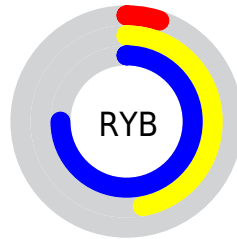
The Decimal color **966272** is a dark color, and the websafe version is hex **00CC99**. A complement of this color would be **12455500**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **6617013**, and **34638** is the 20% darker color. If you saturate the color by 10%, you get **48763**, and if you desaturate by 10%, it is **2211463**.

# Distribution



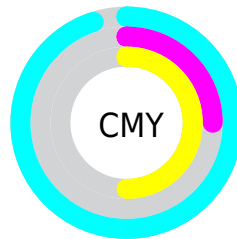
- Red (5%)
- Green (75%)
- Blue (50%)



- Red (5%)
- Yellow (47%)
- Blue (75%)



- Cyan (93%)
- Magenta (0%)
- Yellow (33%)
- Black (25%)



- Cyan (95%)
- Magenta (25%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 966272 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 966272 by changing the saturation by 10% instead.




 966272  966272

16777215  41575

 6617013  34638

 8716241  27959

 10682349  21281

 12713983  15115

 14680063  9216

16711679  0

 966272  966272

 48763  2211463

 3456653

 4701844

 5947035

 7192225

 8437416

 9682607

 10927798

 12172988

# Harmonies

## Analogous

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



8107601



966272



49590

# Triad

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



966272



6531071



16745318

# Complementary

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



966272



1245500

# 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.



16742552



966272



12620536

# Square

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



966272



46847



15957709



14784322

# Rectangle

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



966272



49369



15957709



16744054

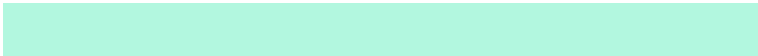


# Sweetspot

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



966272



11728863



5225998



5406062



16579836



8224125



# Same Dimension

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



966272



63392



960446



5594715



40550



7956



# Inverse Universe

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



12455500



16187479



12461326



6182232



10354744

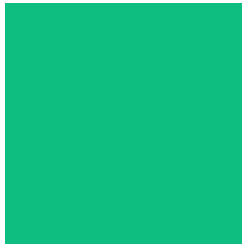


2031627



# Previews

## White Background



This preview shows how the Decimal color 966272 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



This preview shows how the Decimal color 966272 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

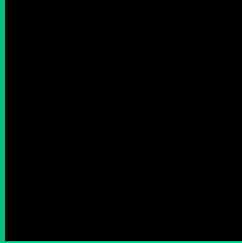
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 966272 Background



This preview shows how black text looks on a background with the Decimal color 966272.

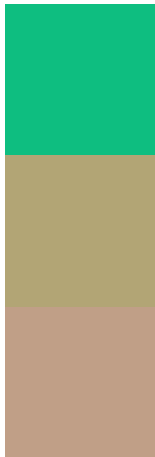


This preview shows how white text looks on a background with the Decimal color 966272.

# 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](#).

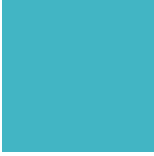
## Dichromacy



**Original Color**  
966272

**Protanopia**  
11707765

**Deuteranopia**  
12623751



**Tritanopia**  
4371908

# Trichromacy



**Original Color**

966272



**Protanomaly**

7777913



**Deuteranomaly**

8366724



**Tritanomaly**

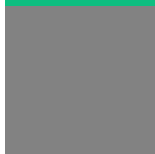
3127467

# Monochromacy



**Original Color**

966272



**Achromatopsia**

8553090



**Achromatomaly**

5806209

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 966272 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 #0EBE80 looks like.

```
.text, #text, p{  
    color:#0EBE80  
}
```

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 #0EBE80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EBE80  
}
```

## Border

The CSS property to change the border of an element to Decimal 966272 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  
#0EBE80 }
```

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

```
.border{ border-color:#0EBE80 }
```

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

Here you see how a box with a 4 pixel #0EBE80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EBE80; -webkit-box-shadow:4px 4px  
4px 4px #0EBE80; box-shadow:4px 4px 4px  
4px #0EBE80 }
```

# Background

The CSS property to change the background color of an element to Decimal 966272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EBE80 }
```

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

```
.background{ background-color:#0EBE80 }
```

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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