

# Converting Colors

Decimal(964848)

Have a look what the booklet for  
Decimal(964848) contains.

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# **Color**

**Decimal(964848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EB8F0
RGB	14, 184, 240
RGB Percent	5%, 72%, 94%
CMY	0.9451, 0.2784, 0.0588
CMYK	0.94, 0.23, 0.00, 0.06
HSL	195°, 89%, 50%
HSV	195°, 94%, 94%
XYZ	33.0498, 40.6656, 88.5454
YIQ	139.5540, -119.2960, -18.6240

# Conversions

## Conversions Part 2

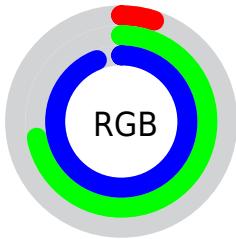
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	14, 111, 240
Decimal	964848
CIE Lab	69.94, -18.84, -38.51
CIE LCh	70, 42.867, 243.932
Yxy	40.6656, 0.2037, 0.2506
Android (android.graphics.Color)	4279154928 (0xFF0EB8F0)
YUV	139.5540, 49.5199, -110.1109
Hunter-Lab	63.7696, -19.0859, -37.6867

# Details

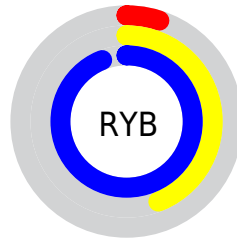
The Decimal color **964848** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle saturated azure. A complement of this color would be **15746574**, and the grayscale version is **9145227**.

A 20% lighter version of the original color is **7401727**, and **33720** is the 20% darker color. If you saturate the color by 10%, you get **46576**, and if you desaturate by 10%, it is **2539248**.

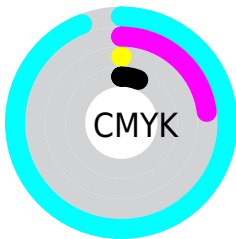
# Distribution



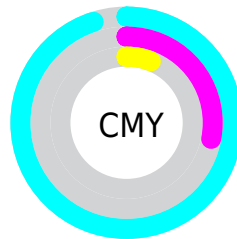
- Red (5%)
- Green (72%)
- Blue (94%)



- Red (5%)
- Yellow (44%)
- Blue (94%)



- Cyan (94%)
- Magenta (23%)
- Yellow (0%)
- Black (6%)



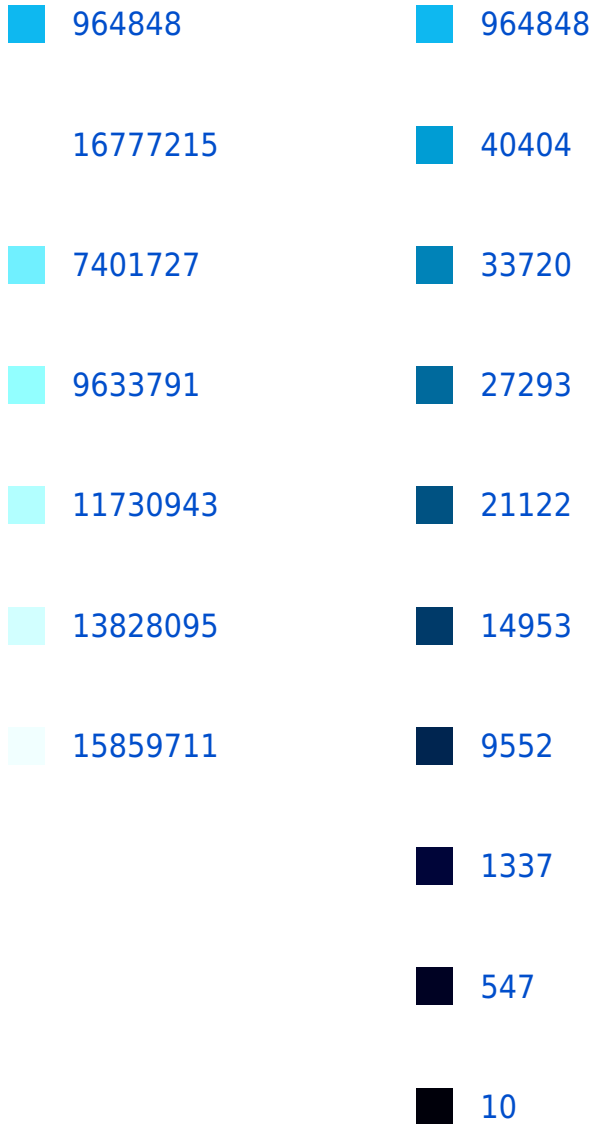
- Cyan (95%)
- Magenta (28%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 964848 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 964848 by changing the saturation by 10% instead.





■ 964848

■ 964848

■ 46576

■ 2539248

■ 4113648

■ 5688048

■ 7262448

■ 8836848

■ 10411248

■ 11985648

■ 13560048

■ 15134448

# Harmonies

## Analogous

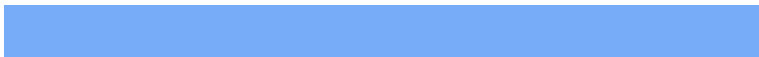
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



48853



964848



7843320

# Triad

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



964848



16026791



9876841

# Complementary

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



964848



15746574

# 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.



12560988



964848



15962241

# Square

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



964848



14717390



14654822



6667399

# Rectangle

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



964848



10724594



14654822



10793570

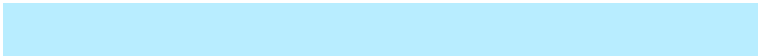


# Sweetspot

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



964848



12119551



979011



5535104



0



8421504



# Same Dimension

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



964848



49407



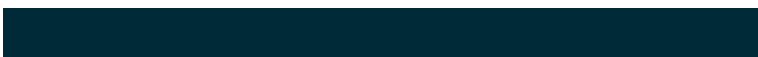
936688



7107960



35512



10808



# Inverse Universe

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



15732408



16711872



15774734



7892085



12058762

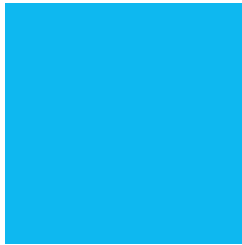


3670058



# Previews

## White Background



This preview shows how the Decimal color 964848 looks on a white background.

## Color Contrast Check

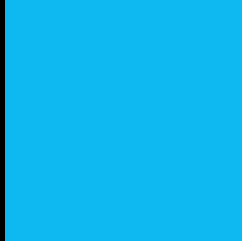
Large Text (above 18pt) WCAG AA × Fail

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 964848 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 964848 Background



This preview shows how black text looks on a background with the Decimal color 964848.



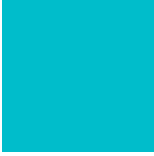
This preview shows how white text looks on a background with the Decimal color 964848.

# 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**  
48587

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 964848 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 #0EB8F0 looks like.

```
.text, #text, p{  
  color:#0EB8F0  
}
```

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 #0EB8F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB8F0
}
```

## Border

The CSS property to change the border of an element to Decimal 964848 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
#0EB8F0 }
```

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

```
.border{ border-color:#0EB8F0 }
```

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

Here you see how a box with a 4 pixel #0EB8F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB8F0; -webkit-box-shadow:4px 4px  
4px 4px #0EB8F0; box-shadow:4px 4px 4px  
4px #0EB8F0 }
```

# Background

The CSS property to change the background color of an element to Decimal 964848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB8F0 }
```

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

```
.background{ background-color:#0EB8F0 }
```

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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