

# Converting Colors

Decimal(959213)

Have a look what the booklet for  
Decimal(959213) contains.

<b>Decimal(959213)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# **Color**

**Decimal(959213)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0EA2ED
RGB	14, 162, 237
RGB Percent	5%, 64%, 93%
CMY	0.9451, 0.3647, 0.0706
CMYK	0.94, 0.32, 0.00, 0.07
HSL	200°, 89%, 49%
HSV	200°, 94%, 93%
XYZ	28.3875, 32.0484, 84.8106
YIQ	126.2980, -112.2830, -8.0510

# Conversions

## Conversions Part 2

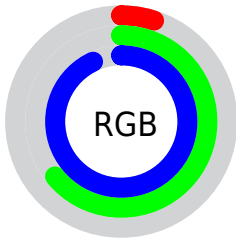
Format	Color
<b>RYB</b>	14, 103, 237
Decimal	959213
CIELab	63.38, -7.95, -47.15
CIELCh	63, 47.816, 260.433
Yxy	32.0484, 0.1954, 0.2206
Android (android.graphics.Color)	4279149293 (0xFF0EA2ED)
YUV	126.2980, 54.5761, -98.4853
Hunter-Lab	56.6113, -9.5619, -49.1955

# Details

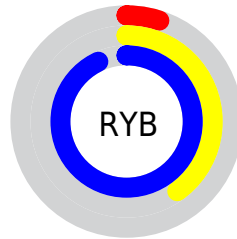
The Decimal color **959213** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **15554830**, and the grayscale version is **8289918**.

A 20% lighter version of the original color is **7264767**, and **28597** is the 20% darker color. If you saturate the color by 10%, you get **40429**, and if you desaturate by 10%, it is **2534125**.

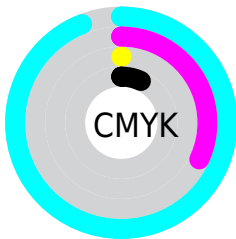
# Distribution



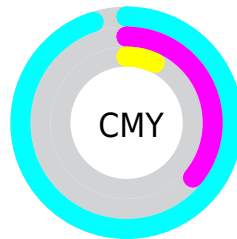
- Red (5%)
- Green (64%)
- Blue (93%)



- Red (5%)
- Yellow (40%)
- Blue (93%)



- Cyan (94%)
- Magenta (32%)
- Yellow (0%)
- Black (7%)




















- Cyan (95%)
- Magenta (36%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 959213 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 959213 by changing the saturation by 10% instead.



 959213	 959213
 16777215	 35024
 7264767	 28597
 9434623	 22426
 11534335	 16511
 13631487	 10854
 15663103	 5965
	 1334
	 544
	 3

■ 959213

■ 959213

■ 40429

■ 2534125

■ 4043501

■ 5618413

■ 7193325

■ 8768237

■ 10277613

■ 11852525

■ 13427437

■ 14936813

# Harmonies

## Analogous

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



43994



959213



8819945

# Triad

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



959213



15300478



6596961

# Complementary

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



959213



15554830

# 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.



9871430



959213



14451545

# Square

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



959213



14776233



12489283



44682

# Rectangle

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



959213



11569371



12489283



7776086

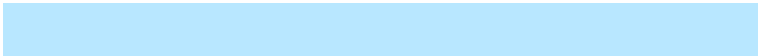


# Sweetspot

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



959213



12118015



978264



5534080



0



8421504

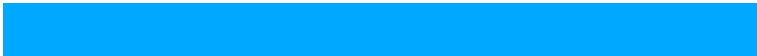


# Same Dimension

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



959213



43519



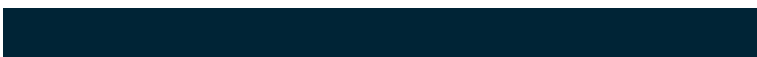
930797



6975861



30901



9270



# Inverse Universe

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



15535778



16711849



15583246



7694961



11862136

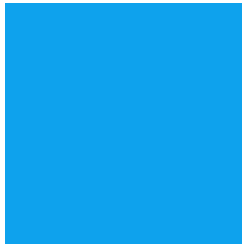


3538980



# Previews

## White Background



This preview shows how the Decimal color 959213 looks on a white background.

## Color Contrast Check

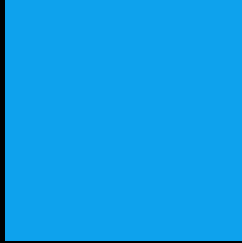
Large Text (above 18pt) WCAG AA × Fail

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 959213 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

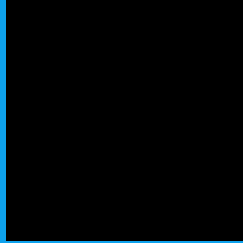
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

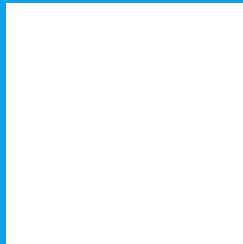
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 959213 Background



This preview shows how black text looks on a background with the Decimal color 959213.



This preview shows how white text looks on a background with the Decimal color 959213.

# 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**  
959213

**Protanomaly**  
5610215

**Deuteranomaly**  
4758766

# Monochromacy



**Original Color**  
959213

**Achromatopsia**  
8289918

**Achromatomaly**  
5606310

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 959213 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 #0EA2ED looks like.

```
.text, #text, p{  
    color:#0EA2ED  
}
```

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 #0EA2ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EA2ED
}
```

## Border

The CSS property to change the border of an element to Decimal 959213 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
#0EA2ED }
```

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

```
.border{ border-color:#0EA2ED }
```

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

Here you see how a box with a 4 pixel #0EA2ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EA2ED; -webkit-box-shadow:4px 4px  
4px 4px #0EA2ED; box-shadow:4px 4px 4px  
4px #0EA2ED }
```

# Background

The CSS property to change the background color of an element to Decimal 959213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EA2ED }
```

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

```
.background{ background-color:#0EA2ED }
```

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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