

# Converting Colors

Decimal(124390)

Have a look what the booklet for  
Decimal(124390) contains.

<b>Decimal(124390)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(124390)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01E5E6
RGB	1, 229, 230
RGB Percent	0%, 90%, 90%
CMY	0.9961, 0.1020, 0.0980
CMYK	1.00, 0.00, 0.00, 0.10
HSL	180°, 99%, 45%
HSV	180°, 100%, 90%
XYZ	42.3148, 61.7582, 84.5532
YIQ	160.9420, -136.2090, -48.0250

# Conversions

## Conversions Part 2

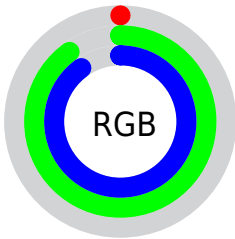
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 115, 230
Decimal	124390
CIELab	82.78, -44.01, -13.51
CIELCh	83, 46.037, 197.069
Yxy	61.7582, 0.2243, 0.3274
Android (android.graphics.Color)	4278314470 (0xFF01E5E6)
YUV	160.9420, 34.0456, -140.2691
Hunter-Lab	78.5864, -41.4131, -8.7812

# Details

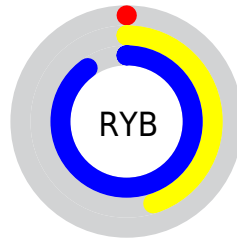
The Decimal color **124390** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **15073793**, and the grayscale version is **10592673**.

A 20% lighter version of the original color is **7536639**, and **44463** is the 20% darker color. If you saturate the color by 10%, you get **58854**, and if you desaturate by 10%, it is **1631718**.

# Distribution



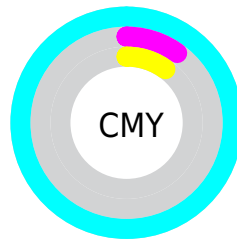
- Red (0%)
- Green (90%)
- Blue (90%)



- Red (0%)
- Yellow (45%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



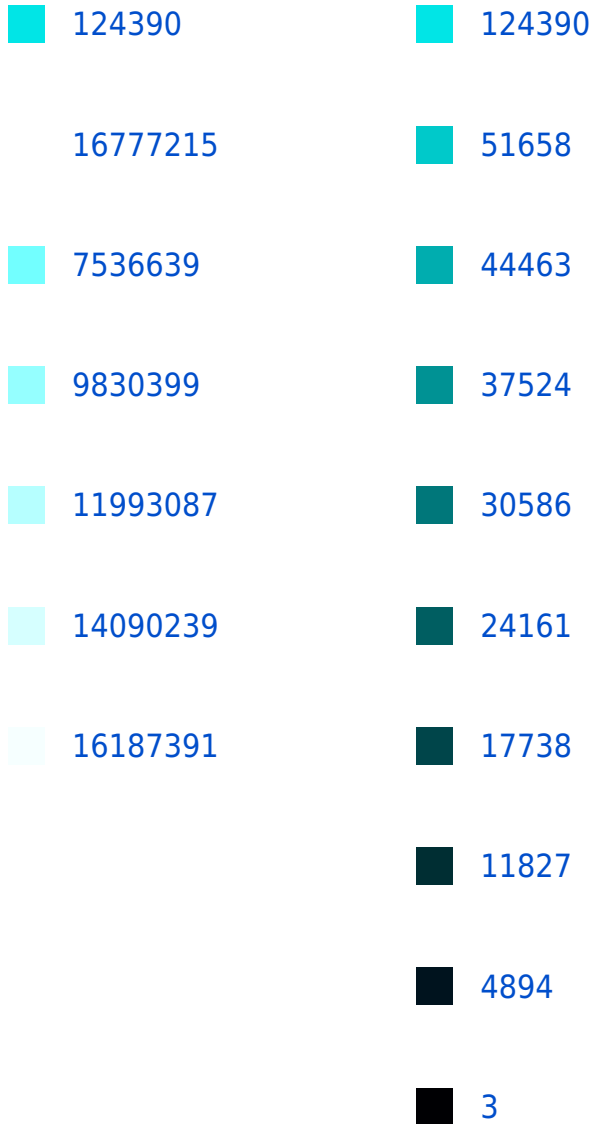
- Cyan (100%)
- Magenta (10%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 124390 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 124390 by changing the saturation by 10% instead.





■ 124390

■ 124390

■ 58854

■ 1631718

■ 3139046

■ 4646374

■ 6153702

■ 7661286

■ 9168614

■ 10675942

■ 12183270

■ 13690598

# Harmonies

## Analogous

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



6808761



124390



57855

# Triad

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



124390



15907583



16500090

# Complementary

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



124390



15073793

# 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.



16758417



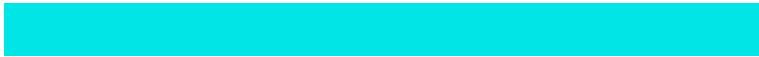
124390



16756451

# Square

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



124390



12045055



16756151



13751162

# Rectangle

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



124390



4906239



16756151



16760959



# Sweetspot

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



124390



11796479



124417



5406592



0



8421504



# Same Dimension

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



124390



65279



95462



6779763



45747



13107



# Inverse Universe

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



15073765



16711934



15102977



7563123



11731122

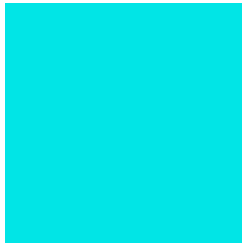


3342387



# Previews

## White Background



This preview shows how the Decimal color 124390 looks on a white background.

## Color Contrast Check

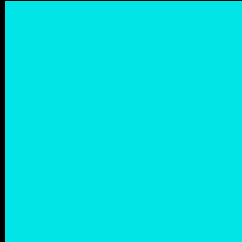
Large Text (above 18pt) WCAG AA × Fail

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 124390 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

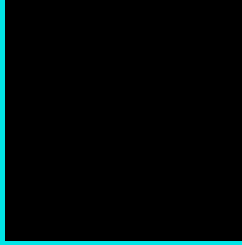
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 124390 Background



This preview shows how black text looks on a background with the Decimal color 124390.



This preview shows how white text looks on a background with the Decimal color 124390.

# 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



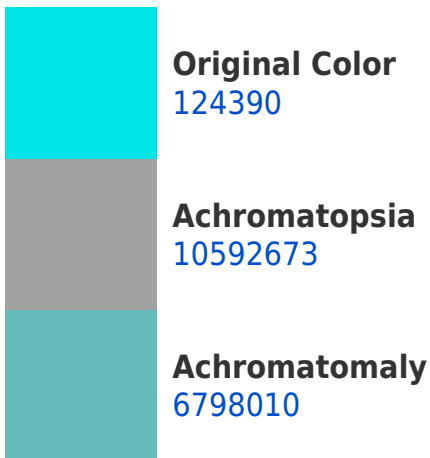


**Tritanopia**  
2745333

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 124390 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 #01E5E6 looks like.

```
.text, #text, p{  
    color:#01E5E6  
}
```

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 #01E5E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01E5E6
}
```

## Border

The CSS property to change the border of an element to Decimal 124390 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
#01E5E6 }
```

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

```
.border{ border-color:#01E5E6 }
```

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

Here you see how a box with a 4 pixel #01E5E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01E5E6; -webkit-box-shadow:4px 4px  
4px 4px #01E5E6; box-shadow:4px 4px 4px  
4px #01E5E6 }
```

# Background

The CSS property to change the background color of an element to Decimal 124390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01E5E6 }
```

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

```
.background{ background-color:#01E5E6 }
```

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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