

# Converting Colors

Decimal(54254)

Have a look what the booklet for  
Decimal(54254) contains.

<b>Decimal(54254)</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(54254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00D3EE
RGB	0, 211, 238
RGB Percent	0%, 83%, 93%
CMY	1.0000, 0.1725, 0.0667
CMYK	1.00, 0.11, 0.00, 0.07
HSL	187°, 100%, 47%
HSV	187°, 100%, 93%
XYZ	38.7269, 52.7616, 89.0318
YIQ	150.9890, -134.4230, -36.3350

# Conversions

## Conversions Part 2

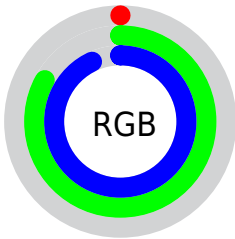
Format	Color
<a href="#">RYB</a>	<a href="#">0, 112, 238</a>
Decimal	<a href="#">54254</a>
CIELab	<a href="#">77.73, -33.35, -25.41</a>
CIELCh	<a href="#">78, 41.928, 217.306</a>
Yxy	<a href="#">52.7616, 0.2145, 0.2923</a>
Android (android.graphics.Color)	<a href="#">4278244334</a> ( <a href="#">0xFF00D3EE</a> )
YUV	<a href="#">150.9890, 42.8964, -132.4174</a>
Hunter-Lab	<a href="#">72.6372, -31.9468, -21.8261</a>

# Details

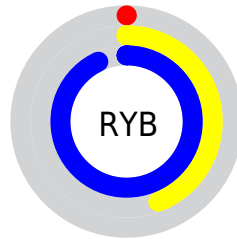
The Decimal color **54254** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **15604480**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7471103**, and **40118** is the 20% darker color. If you saturate the color by 10%, you get **54254**, and if you desaturate by 10%, it is **1627886**.

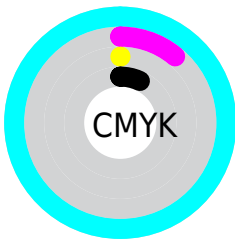
# Distribution



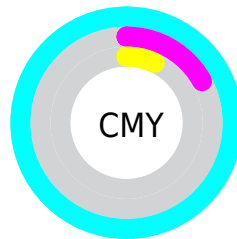
- Red (0%)
- Green (83%)
- Blue (93%)



- Red (0%)
- Yellow (44%)
- Blue (93%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (7%)



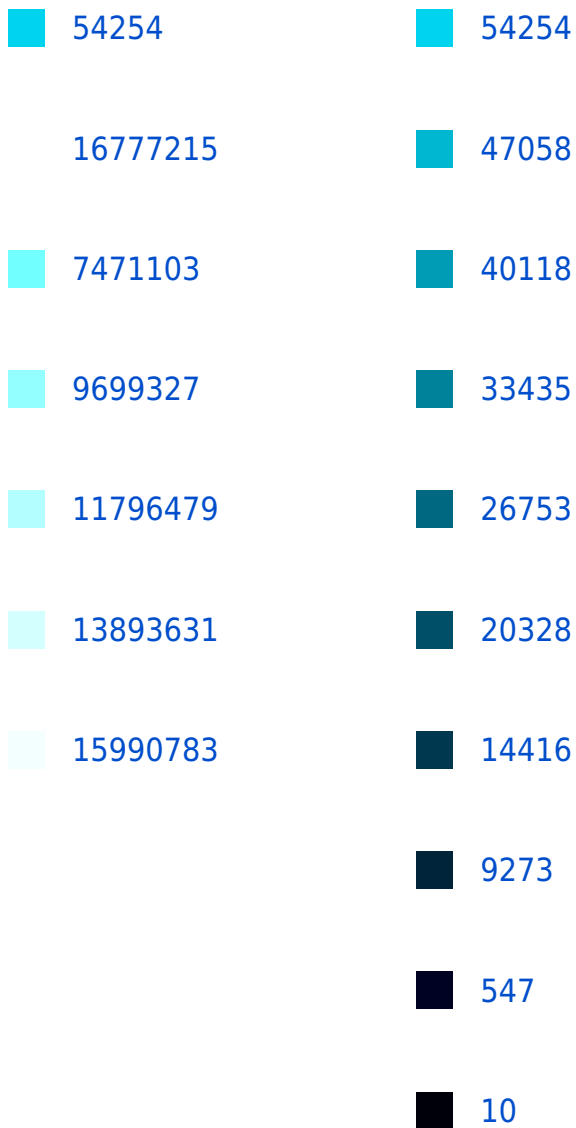
- Cyan (100%)
- Magenta (17%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 54254 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 54254 by changing the saturation by 10% instead.





■ 54254

■ 1627886

■ 3201262

■ 4709358

■ 6282990

■ 7856366

■ 9429998

■ 11003630

■ 12511726

■ 14085102

# Harmonies

## Analogous

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



4052425



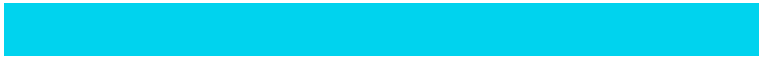
54254



5360895

# Triad

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



54254



16361183



13681010

# Complementary

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



54254



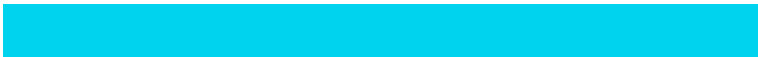
15604480

# 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.



15905657



54254



16753336

# Square

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



54254



13743102



16754579



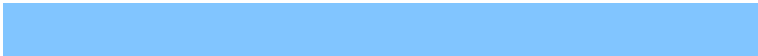
10931329

# Rectangle

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



54254



8504831



16754579



14531954

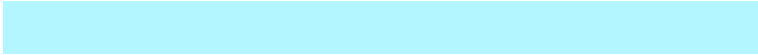


# Sweetspot

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



54254



11794175



60952



5405312



0



8421504

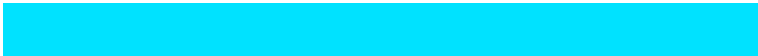


# Same Dimension

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



54254



58111



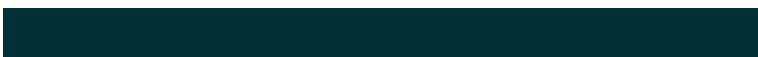
24558



7108216



41912



12856



# Inverse Universe

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



15597779



16711906



15634176



7892086



12058787

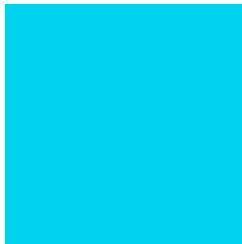


3670066



# Previews

## White Background



This preview shows how the Decimal color 54254 looks on a white background.

## Color Contrast Check

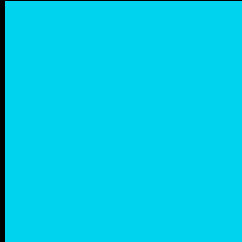
Large Text (above 18pt) WCAG AA × Fail

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 54254 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 54254 Background



This preview shows how black text looks on a background with the Decimal color 54254.

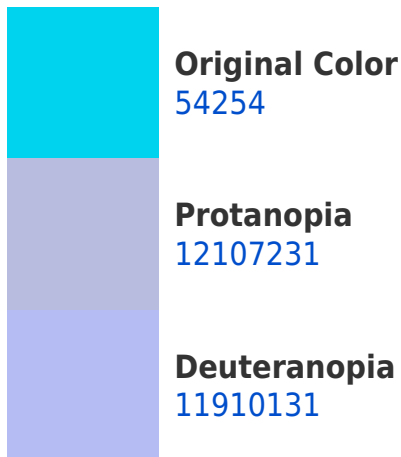


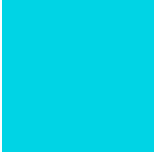
This preview shows how white text looks on a background with the Decimal color 54254.

# 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](#).

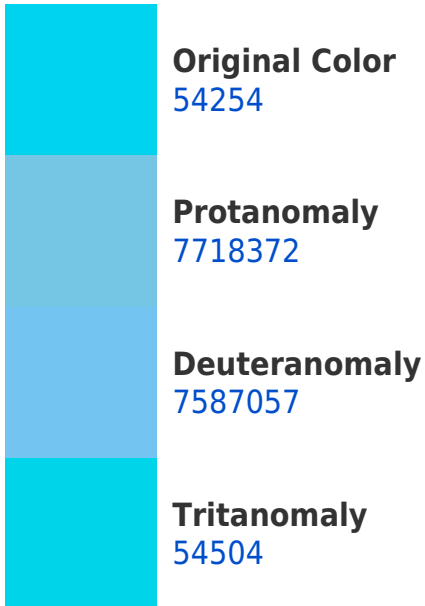
## Dichromacy





**Tritanopia**  
54501

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 54254 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 #00D3EE looks like.

```
.text, #text, p{  
  color:#00D3EE  
}
```

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 #00D3EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00D3EE
}
```

## Border

The CSS property to change the border of an element to Decimal 54254 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
#00D3EE }
```

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

```
.border{ border-color:#00D3EE }
```

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

Here you see how a box with a 4 pixel #00D3EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00D3EE; -webkit-box-shadow:4px 4px  
4px 4px #00D3EE; box-shadow:4px 4px 4px  
4px #00D3EE }
```

# Background

The CSS property to change the background color of an element to Decimal 54254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00D3EE }
```

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

```
.background{ background-color:#00D3EE }
```

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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