

# Converting Colors

Decimal(5619933)

Have a look what the booklet for  
Decimal(5619933) contains.

<b>Decimal(5619933)</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> .....	29

# **Color**

**Decimal(5619933)**

# Conversions

## Conversions Part 1

Format	Color
Hex	55C0DD
RGB	85, 192, 221
RGB Percent	33%, 75%, 87%
CMY	0.6667, 0.2471, 0.1333
CMYK	0.62, 0.13, 0.00, 0.13
HSL	193°, 67%, 60%
HSV	193°, 62%, 87%
XYZ	35.6471, 44.8510, 75.1849
YIQ	163.3130, -73.0810, -13.6650

# Conversions

## Conversions Part 2

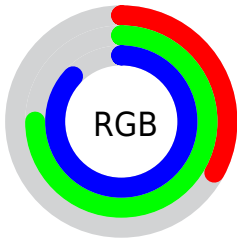
Format	Color
<code>RYB</code>	<code>85, 145, 221</code>
Decimal	<code>5619933</code>
CIELab	<code>72.79, -22.15, -23.68</code>
CIElCh	<code>73, 32.429, 226.910</code>
Yxy	<code>44.8510, 0.2290, 0.2881</code>
Android ( <code>android.graphics.Color</code> )	<code>4283810013 (0xFF55C0DD)</code>
YUV	<code>163.3130, 28.4397, -68.6805</code>
Hunter-Lab	<code>66.9709, -22.1876, -19.6823</code>

# Details

The Decimal color **5619933** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **14512725**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **9697791**, and **35494** is the 20% darker color. If you saturate the color by 10%, you get **4176861**, and if you desaturate by 10%, it is **7063005**.

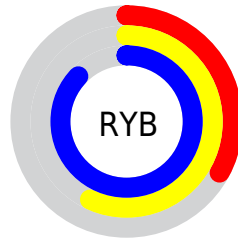
# Distribution



Red (33%)

Green (75%)

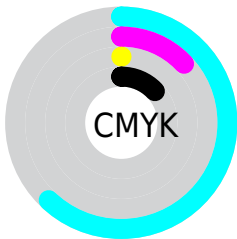
Blue (87%)



Red (33%)

Yellow (57%)

Blue (87%)

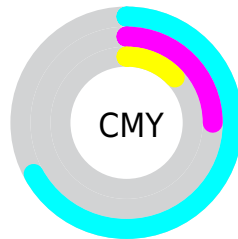


Cyan (62%)

Magenta (13%)

Yellow (0%)

Black (13%)



Cyan (67%)

Magenta (25%)

Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5619933 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 5619933 by changing the saturation by 10% instead.



■ 5619933

■ 5619933

16777215

■ 3253697

■ 9697791

■ 35494

■ 11599871

■ 29067

■ 13565951

■ 22642

■ 15597567

■ 16473

■ 10818

■ 5164

■ 279

■ 0

■ 5619933

■ 5619933

■ 4176861

■ 7063005

■ 2734045

■ 8505821

■ 1290973

■ 9948893

■ 44765

■ 11391965

■ 12835037

■ 14343389

■ 15786461

■ 16770781

■ 16771805

# Harmonies

## Analogous

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



5620675



5619933



7911916

# Triad

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



5619933



15048385



11974265

# Complementary

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



5619933



14512725

# 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.



13872249



5619933



15637923

# Square

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



5619933



13346267



15180681



9813641

# Rectangle

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



5619933



9876461



15180681



12694391

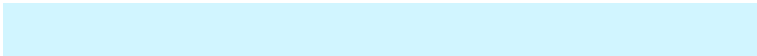


# Sweetspot

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



5619933



13759999



5627248



6519424



0



8421504

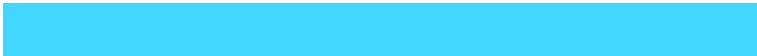


# Same Dimension

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



5619933



4380671



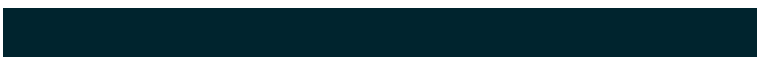
5603037



6515566



34989



9262



# Inverse Universe

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



14505408



16728791



14529621



7234411



11337864

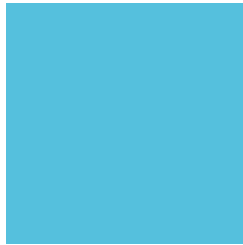


3014692



# Previews

## White Background



This preview shows how the Decimal color 5619933 looks on a white background.

## Color Contrast Check

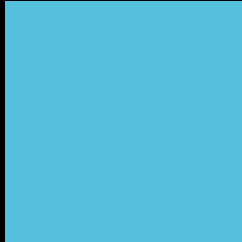
Large Text (above 18pt) WCAG AA × Fail

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 5619933 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 5619933 Background



This preview shows how black text looks on a background with the Decimal color 5619933.



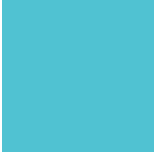
This preview shows how white text looks on a background with the Decimal color 5619933.

# 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**  
5292754

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5619933 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 #55C0DD looks like.

```
.text, #text, p{  
    color:#55C0DD  
}
```

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 #55C0DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C0DD
}
```

## Border

The CSS property to change the border of an element to Decimal 5619933 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
#55C0DD }
```

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

```
.border{ border-color:#55C0DD }
```

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

Here you see how a box with a 4 pixel #55C0DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C0DD; -webkit-box-shadow:4px 4px  
4px 4px #55C0DD; box-shadow:4px 4px 4px  
4px #55C0DD }
```

# Background

The CSS property to change the background color of an element to Decimal 5619933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C0DD }
```

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

```
.background{ background-color:#55C0DD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor