

# Converting Colors

Decimal(2991577)

Have a look what the booklet for  
Decimal(2991577) contains.

<b>Decimal(2991577)</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(2991577)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DA5D9
RGB	45, 165, 217
RGB Percent	18%, 65%, 85%
CMY	0.8235, 0.3529, 0.1490
CMYK	0.79, 0.24, 0.00, 0.15
HSL	198°, 69%, 51%
HSV	198°, 79%, 85%
XYZ	27.0617, 32.4779, 70.4882
YIQ	135.0480, -88.2120, -9.2680

# Conversions

## Conversions Part 2

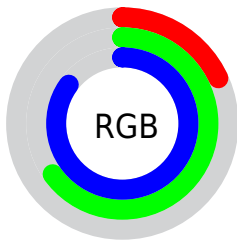
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 116, 217
Decimal	2991577
CIELab	63.74, -14.76, -35.54
CIELCh	64, 38.480, 247.452
Yxy	32.4779, 0.2081, 0.2498
Android (android.graphics.Color)	4281181657 (0xFF2DA5D9)
YUV	135.0480, 40.4023, -78.9721
Hunter-Lab	56.9894, -14.9698, -33.4412

# Details

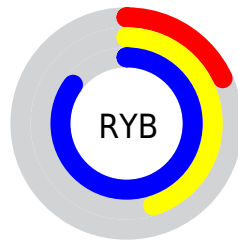
The Decimal color **2991577** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **14246189**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **7789823**, and **29090** is the 20% darker color. If you saturate the color by 10%, you get **1547993**, and if you desaturate by 10%, it is **4435161**.

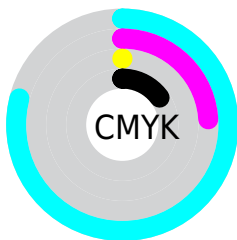
# Distribution



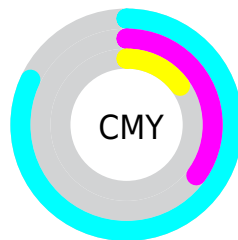
- Red (18%)
- Green (65%)
- Blue (85%)



- Red (18%)
- Yellow (45%)
- Blue (85%)



- Cyan (79%)
- Magenta (24%)
- Yellow (0%)
- Black (15%)



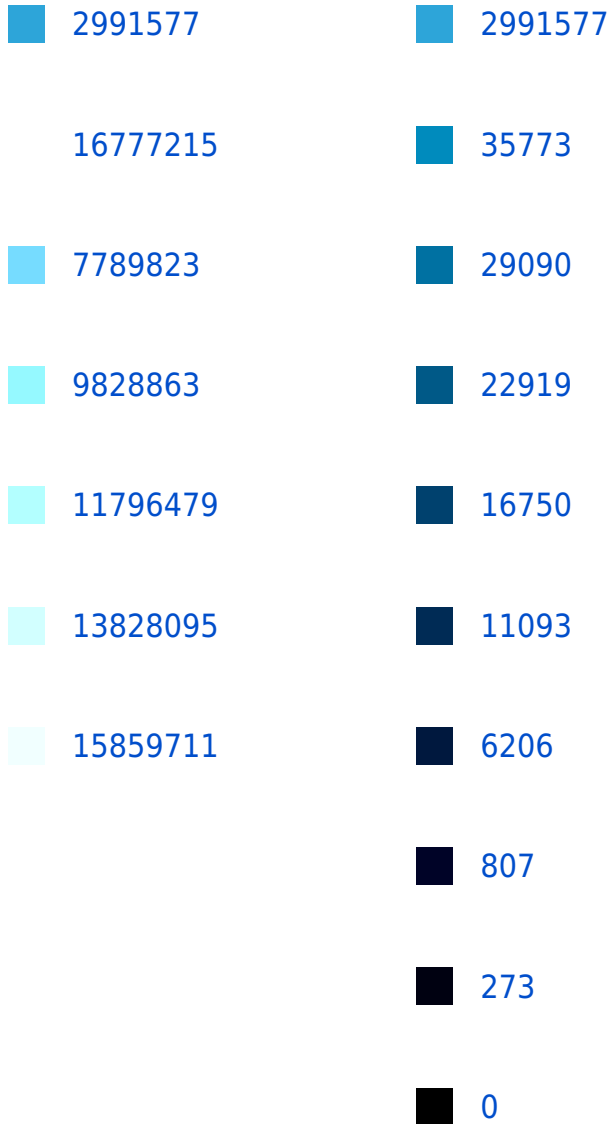
- Cyan (82%)
- Magenta (35%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2991577 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 2991577 by changing the saturation by 10% instead.





■ 2991577

■ 2991577

■ 1547993

■ 4435161

■ 170201

■ 5812953

■ 38873

■ 7256537

■ 8699865

■ 10143449

■ 11521241

■ 12964825

■ 14408153

■ 15786201

# Harmonies

## Analogous

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



43971



2991577



7707614

# Triad

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



2991577



14450579



8627555

# Complementary

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



2991577



14246189

# 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.



11049813



2991577



14255218

# Square

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



2991577



13403061



13012827



5745279

# Rectangle

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



2991577



10130391



13012827



9478748

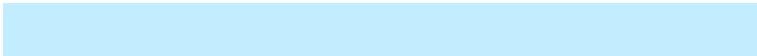


# Sweetspot

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



2991577



12774655



3004769



5993600



0



8421504

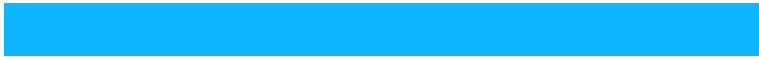


# Same Dimension

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



2991577



898815



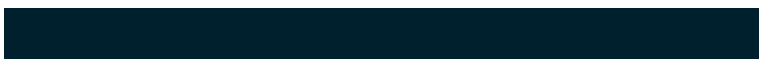
2969561



6515310



31149



8238



# Inverse Universe

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



14232997



16715190



14268205



7234410



11337849



3014688



# Previews

## White Background



This preview shows how the Decimal color 2991577 looks on a white background.

## Color Contrast Check

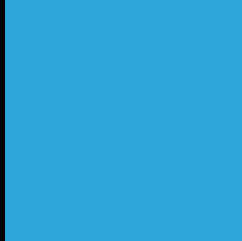
Large Text (above 18pt) WCAG AA × Fail

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 2991577 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 2991577 Background



This preview shows how black text looks on a background with the Decimal color 2991577.



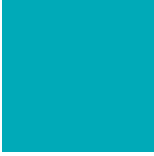
This preview shows how white text looks on a background with the Decimal color 2991577.

# 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](#).

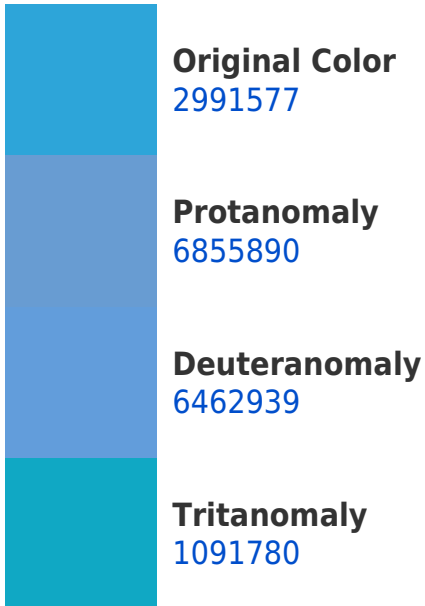
## Dichromacy



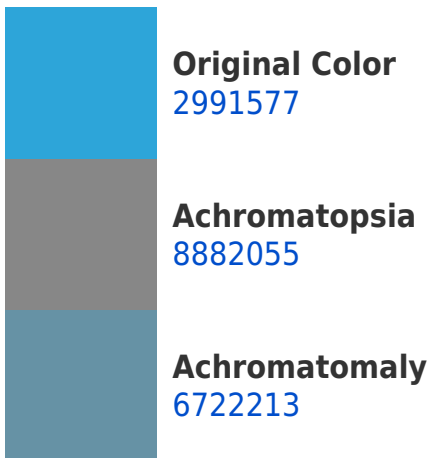


**Tritanopia**  
43704

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2991577 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 #2DA5D9 looks like.

```
.text, #text, p{  
    color:#2DA5D9  
}
```

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 #2DA5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA5D9
}
```

## Border

The CSS property to change the border of an element to Decimal 2991577 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
#2DA5D9 }
```

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

```
.border{ border-color:#2DA5D9 }
```

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

Here you see how a box with a 4 pixel #2DA5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA5D9; -webkit-box-shadow:4px 4px  
4px 4px #2DA5D9; box-shadow:4px 4px 4px  
4px #2DA5D9 }
```

# Background

The CSS property to change the background color of an element to Decimal 2991577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA5D9 }
```

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

```
.background{ background-color:#2DA5D9 }
```

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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