

# Converting Colors

Decimal(2138847)

Have a look what the booklet for  
Decimal(2138847) contains.

<b>Decimal(2138847)</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(2138847)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	20A2DF
RGB	32, 162, 223
RGB Percent	13%, 64%, 87%
CMY	0.8745, 0.3647, 0.1255
CMYK	0.86, 0.27, 0.00, 0.13
HSL	199°, 75%, 50%
HSV	199°, 86%, 87%
XYZ	26.8353, 31.4755, 74.4730
YIQ	130.0840, -97.0610, -8.5890

# Conversions

## Conversions Part 2

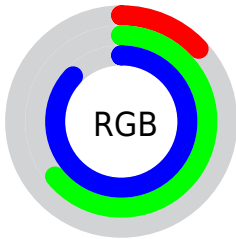
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	32, 109, 223
Decimal	2138847
CIE Lab	62.91, -12.10, -40.17
CIE LCh	63, 41.952, 253.233
Yxy	31.4755, 0.2021, 0.2370
Android (android.graphics.Color)	4280328927 (0xFF20A2DF)
YUV	130.0840, 45.8076, -86.0197
Hunter-Lab	56.1030, -12.7998, -39.4315

# Details

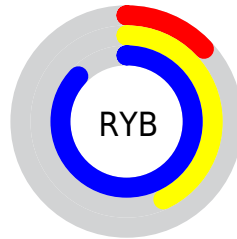
The Decimal color **2138847** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **14638368**, and the grayscale version is **8553090**.

A 20% lighter version of the original color is **7461375**, and **28583** is the 20% darker color. If you saturate the color by 10%, you get **695263**, and if you desaturate by 10%, it is **3582431**.

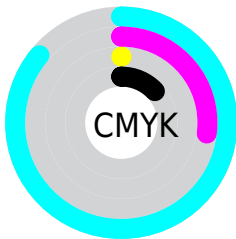
# Distribution



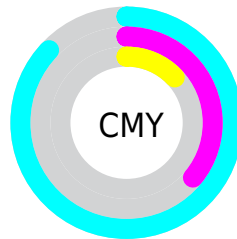
- Red (13%)
- Green (64%)
- Blue (87%)



- Red (13%)
- Yellow (43%)
- Blue (87%)



- Cyan (86%)
- Magenta (27%)
- Yellow (0%)
- Black (13%)



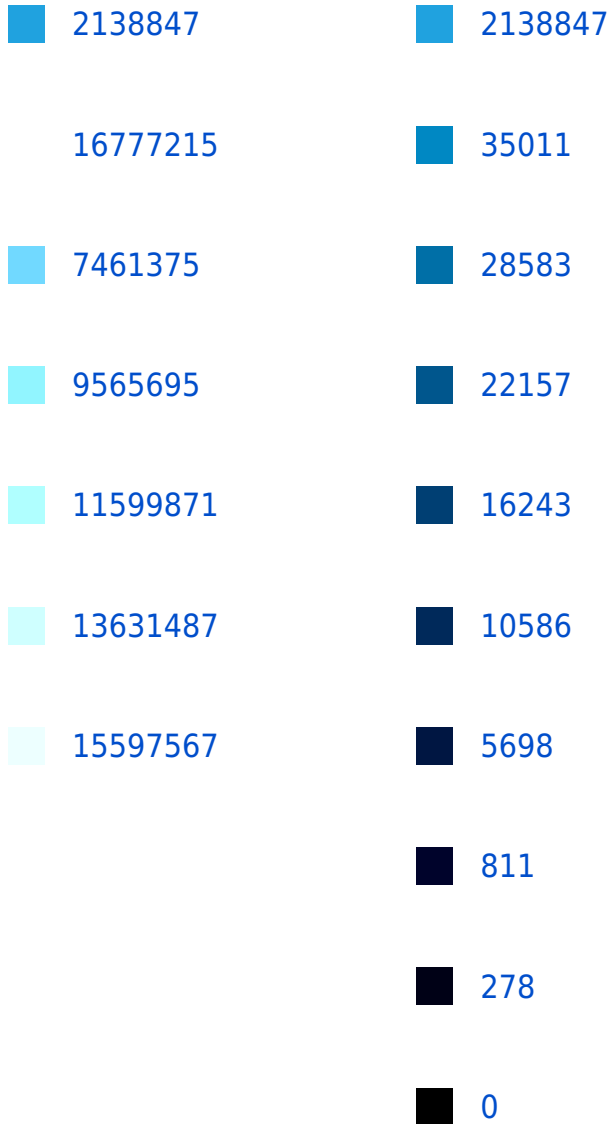
- Cyan (87%)
- Magenta (36%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2138847 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 2138847 by changing the saturation by 10% instead.





■ 2138847

■ 2138847

■ 695263

■ 3582431

■ 39135

■ 5091551

■ 6535135

■ 7978719

■ 9488095

■ 10931679

■ 12375263

■ 13818847

■ 15327967

# Harmonies

## Analogous

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



43466



2138847



8034017

# Triad

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



2138847



14645897



7775584

# Complementary

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



2138847



14638368

# 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.



10459982



2138847



14189159

# Square

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



2138847



13860271



12685136



4237953

# Rectangle

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



2138847



10587607



12685136



8692312

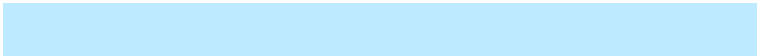


# Sweetspot

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



2138847



12446463



2154332



5796736



0



8421504

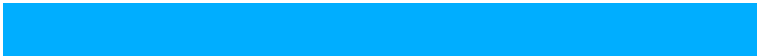


# Same Dimension

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



2138847



44799



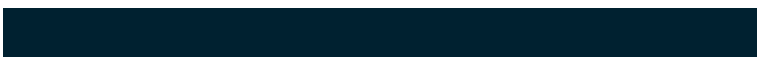
2114527



6647152



30896



8496



# Inverse Universe

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



14622882



16711854



14662688



7365997



11534456



3145761



# Previews

## White Background



This preview shows how the Decimal color 2138847 looks on a white background.

## Color Contrast Check

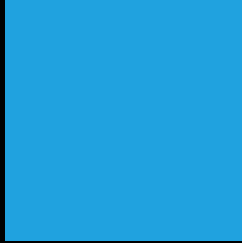
Large Text (above 18pt) WCAG AA × Fail

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 2138847 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

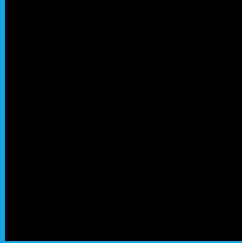
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

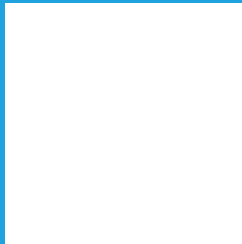
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 2138847 Background



This preview shows how black text looks on a background with the Decimal color 2138847.



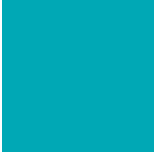
This preview shows how white text looks on a background with the Decimal color 2138847.

# 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**  
43189

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2138847 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 #20A2DF looks like.

```
.text, #text, p{  
  color:#20A2DF  
}
```

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 #20A2DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #20A2DF
}
```

## Border

The CSS property to change the border of an element to Decimal 2138847 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
#20A2DF }
```

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

```
.border{ border-color:#20A2DF }
```

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

Here you see how a box with a 4 pixel #20A2DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #20A2DF; -webkit-box-shadow:4px 4px  
4px 4px #20A2DF; box-shadow:4px 4px 4px  
4px #20A2DF }
```

# Background

The CSS property to change the background color of an element to Decimal 2138847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#20A2DF }
```

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

```
.background{ background-color:#20A2DF }
```

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