

Converting Colors

Decimal(1944028)

Have a look what the booklet for
Decimal(1944028) contains.

Decimal(1944028)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1944028)

Conversions

Conversions Part 1

Format	Color
Hex	1DA9DC
RGB	29, 169, 220
RGB Percent	11%, 66%, 86%
CMY	0.8863, 0.3373, 0.1373
CMYK	0.87, 0.23, 0.00, 0.14
HSL	196°, 77%, 49%
HSV	196°, 87%, 86%
XYZ	27.6129, 33.8045, 72.7797
YIQ	132.9540, -99.8110, -13.8190

Conversions

Conversions Part 2

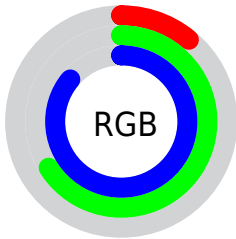
Format	Color
R_{YB}	29, 110, 220
Decimal	1944028
CIE _{Lab}	64.81, -17.15, -35.55
CIE _{LCh}	65, 39.469, 244.239
Yxy	33.8045, 0.2058, 0.2519
Android (android.graphics.Color)	4280134108 (0xFF1DA9DC)
YUV	132.9540, 42.9137, -91.1677
Hunter-Lab	58.1416, -16.9736, -33.5181

Details

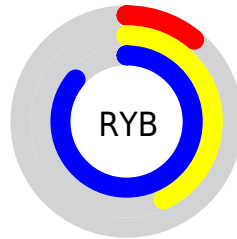
The Decimal color **1944028** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **14438429**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **7332095**, and **30117** is the 20% darker color. If you saturate the color by 10%, you get **500700**, and if you desaturate by 10%, it is **3387356**.

Distribution



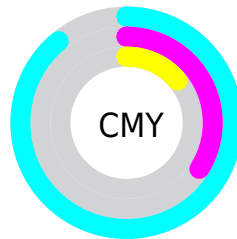
- Red (11%)
- Green (66%)
- Blue (86%)



- Red (11%)
- Yellow (43%)
- Blue (86%)



- Cyan (87%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)

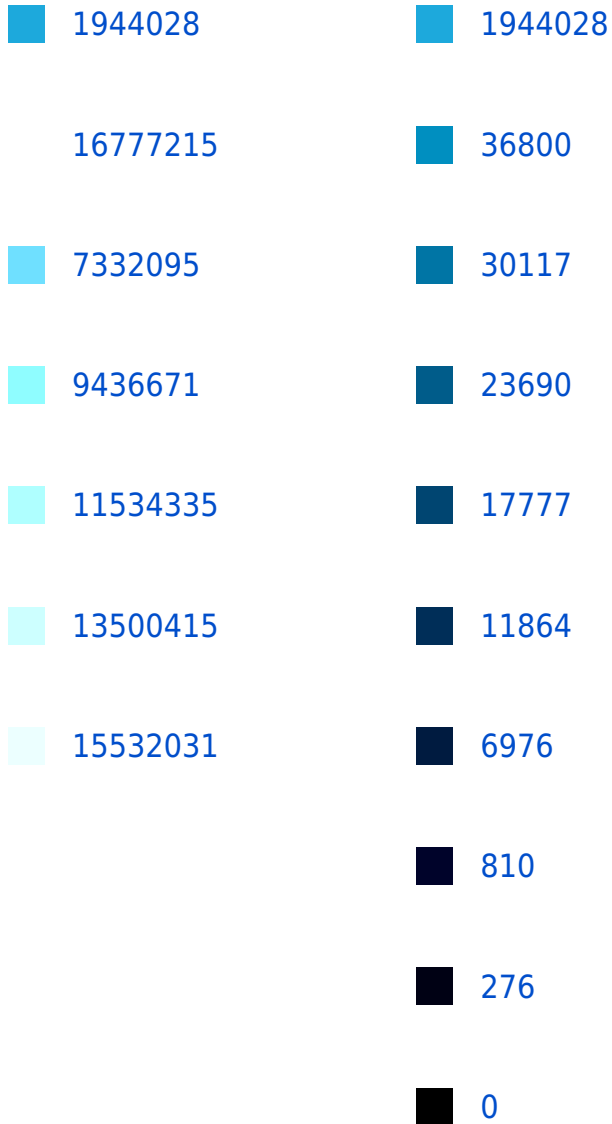


- Cyan (89%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1944028 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 1944028 by changing the saturation by 10% instead.



■ 1944028

■ 1944028

■ 500700

■ 3387356

■ 41436

■ 4830684

■ 6274012

■ 7717084

■ 9160412

■ 10603740

■ 12047068

■ 13490396

■ 14933724

Harmonies

Analogous

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



44996



1944028



7380963

Triad

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



1944028



14713241



9086817

Complementary

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



1944028



14438429

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.



11509078



1944028



14583159

Square

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



1944028



13534909



13471838



6139261

Rectangle

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



1944028



9934813



13471838



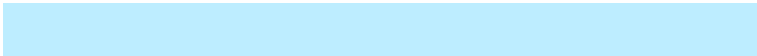
9938011

Sweetspot

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



1944028



12447231



1956944



5797248



0



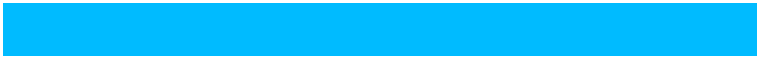
8421504

Same Dimension

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



1944028



48127



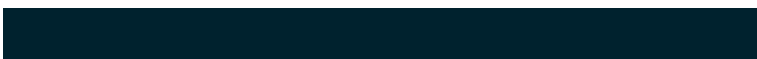
1919708



6515566



32685



8750

Inverse Universe

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



14425513



16711867



14462749



7234411



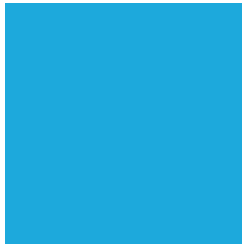
11337855



3014690

Previews

White Background



This preview shows how the Decimal color 1944028 looks on a white background.

Color Contrast Check

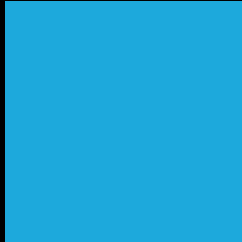
Large Text (above 18pt) WCAG AA × Fail

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 1944028 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 1944028 Background



This preview shows how black text looks on a background with the Decimal color 1944028.



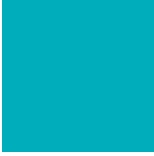
This preview shows how white text looks on a background with the Decimal color 1944028.

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
44731

Trichromacy



Original Color
1944028



Protanomaly
6594517



Deuteranomaly
6136030



Tritanomaly
765127

Monochromacy



Original Color
1944028



Achromatopsia
8750469



Achromatomaly
6263461

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1944028 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 #1DA9DC looks like.

```
.text, #text, p{  
  color:#1DA9DC  
}
```

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 #1DA9DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA9DC
}
```

Border

The CSS property to change the border of an element to Decimal 1944028 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
#1DA9DC }
```

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

```
.border{ border-color:#1DA9DC }
```

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

Here you see how a box with a 4 pixel #1DA9DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA9DC; -webkit-box-shadow:4px 4px  
4px 4px #1DA9DC; box-shadow:4px 4px 4px  
4px #1DA9DC }
```

Background

The CSS property to change the background color of an element to Decimal 1944028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA9DC }
```

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

```
.background{ background-color:#1DA9DC }
```

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