

Converting Colors

Decimal(104916)

Have a look what the booklet for
Decimal(104916) contains.

Decimal(104916)	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(104916)

Conversions

Conversions Part 1

Format	Color
Hex	0199D4
RGB	1, 153, 212
RGB Percent	0%, 60%, 83%
CMY	0.9961, 0.4000, 0.1686
CMYK	1.00, 0.28, 0.00, 0.17
HSL	197°, 99%, 42%
HSV	197°, 100%, 83%
XYZ	23.2874, 27.5424, 66.3762
YIQ	114.2780, -109.5310, -13.8750

Conversions

Conversions Part 2

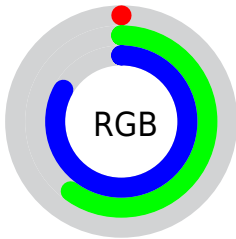
Format	Color
R_{YB}	1, 89, 212
Decimal	104916
CIE _{Lab}	59.47, -12.44, -39.46
CIE _{LCh}	59, 41.372, 252.495
Yxy	27.5424, 0.1987, 0.2350
Android (android.graphics.Color)	4278294996 (0xFF0199D4)
YUV	114.2780, 48.1769, -99.3448
Hunter-Lab	52.4808, -12.6353, -38.2516

Details

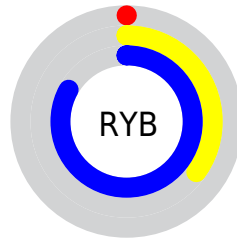
The Decimal color **104916** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **13908993**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **6737919**, and **26269** is the 20% darker color. If you saturate the color by 10%, you get **39380**, and if you desaturate by 10%, it is **1482708**.

Distribution



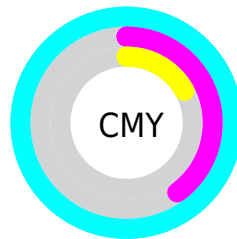
- Red (0%)
- Green (60%)
- Blue (83%)



- Red (0%)
- Yellow (35%)
- Blue (83%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (17%)

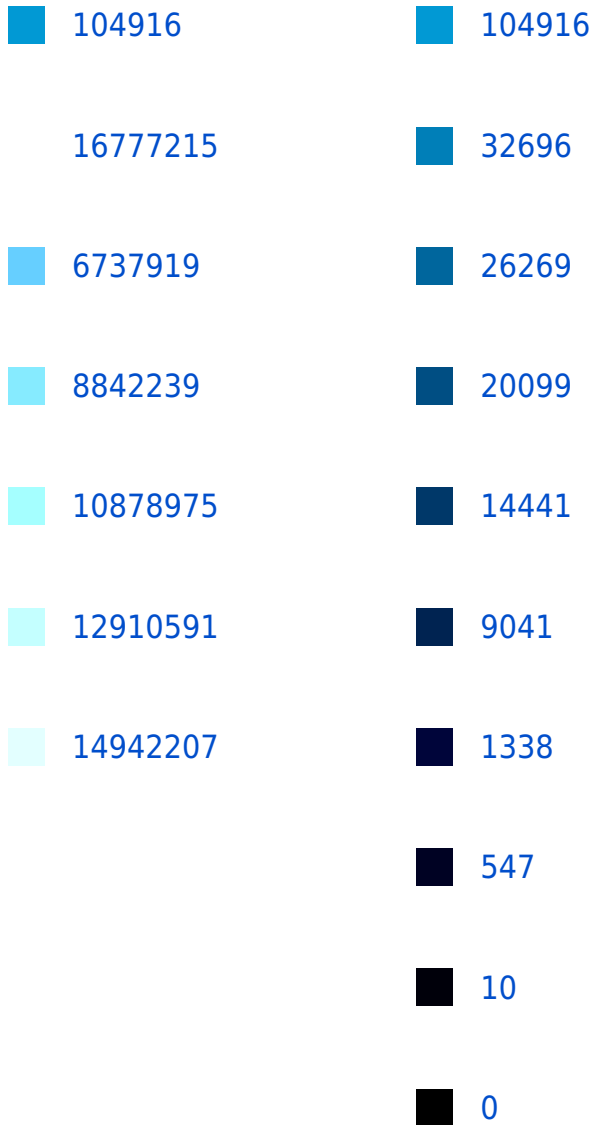


- Cyan (100%)
- Magenta (40%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 104916 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 104916 by changing the saturation by 10% instead.



■ 104916

■ 104916

■ 39380

■ 1482708

■ 2860500

■ 4303828

■ 5681620

■ 7059412

■ 8437204

■ 9814740

■ 11258068

■ 12635860

Harmonies

Analogous

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



41151



104916



7311062

Triad

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



104916



13922689



7314264

Complementary

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



104916



13908993

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.



9933382



104916



13531488

Square

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



104916



13137062



12027465



3776632

Rectangle

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



104916



9864653



12027465



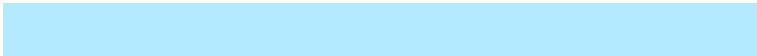
8231248

Sweetspot

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



104916



11791103



119865



5403520



0



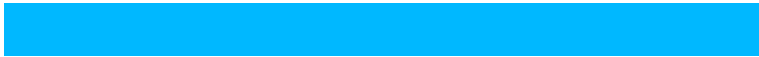
8421504

Same Dimension

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



104916



47359



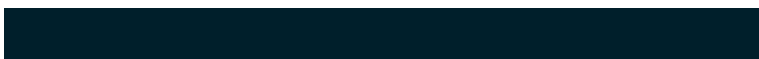
78548



6318187



31659



7979

Inverse Universe

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



13894041



16711864



13935361



7037032



11206779



2818079

Previews

White Background



This preview shows how the Decimal color 104916 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 104916 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 × Fail

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

Decimal 104916 Background



This preview shows how black text looks on a background with the Decimal color 104916.



This preview shows how white text looks on a background with the Decimal color 104916.

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](#).

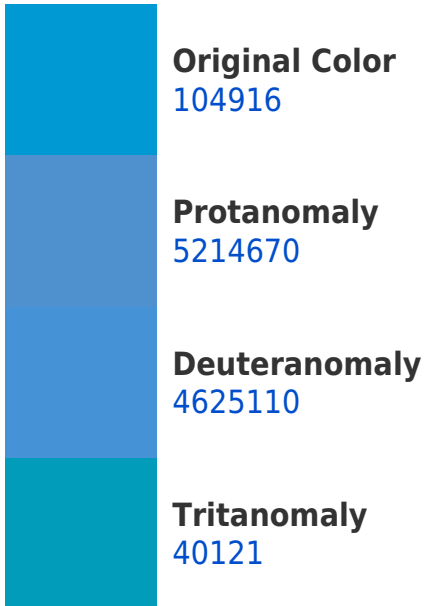
Dichromacy



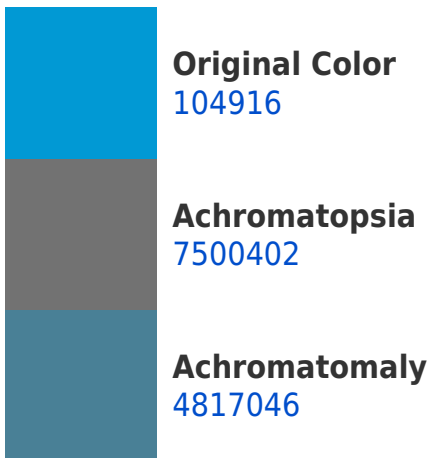


Tritanopia
40618

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 104916 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 #0199D4 looks like.

```
.text, #text, p{  
    color:#0199D4  
}
```

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 #0199D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0199D4
}
```

Border

The CSS property to change the border of an element to Decimal 104916 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
#0199D4 }
```

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

```
.border{ border-color:#0199D4 }
```

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

Here you see how a box with a 4 pixel #0199D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0199D4; -webkit-box-shadow:4px 4px  
4px 4px #0199D4; box-shadow:4px 4px 4px  
4px #0199D4 }
```

Background

The CSS property to change the background color of an element to Decimal 104916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0199D4 }
```

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

```
.background{ background-color:#0199D4 }
```

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