

Converting Colors

Decimal(1736603)

Have a look what the booklet for
Decimal(1736603) contains.

Decimal(1736603)	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(1736603)

Conversions

Conversions Part 1

Format	Color
Hex	1A7F9B
RGB	26, 127, 155
RGB Percent	10%, 50%, 61%
CMY	0.8980, 0.5020, 0.3922
CMYK	0.83, 0.18, 0.00, 0.39
HSL	193°, 71%, 35%
HSV	193°, 83%, 61%
XYZ	13.9318, 17.7649, 33.7050
YIQ	99.9930, -69.1840, -12.7040

Conversions

Conversions Part 2

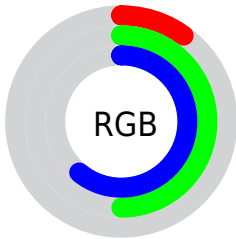
Format	Color
R_{YB}	26, 83, 155
Decimal	1736603
CIE _{Lab}	49.21, -17.45, -22.86
CIE _{LCh}	49, 28.759, 232.650
Yxy	17.7649, 0.2130, 0.2716
Android (android.graphics.Color)	4279926683 (0xFF1A7F9B)
YUV	99.9930, 27.1185, -64.8919
Hunter-Lab	42.1484, -14.7583, -17.9088

Details

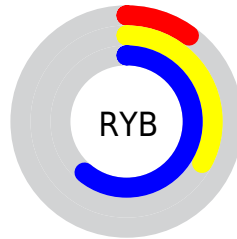
The Decimal color **1736603** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **10171930**, and the grayscale version is **6579300**.

A 20% lighter version of the original color is **6272210**, and **20072** is the 20% darker color. If you saturate the color by 10%, you get **687259**, and if you desaturate by 10%, it is **2720411**.

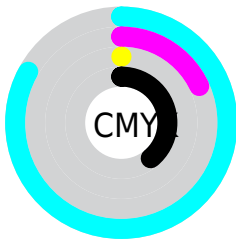
Distribution



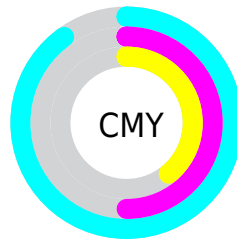
- Red (10%)
- Green (50%)
- Blue (61%)



- Red (10%)
- Yellow (33%)
- Blue (61%)



- Cyan (83%)
- Magenta (18%)
- Yellow (0%)
- Black (39%)



- Cyan (90%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1736603 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 1736603 by changing the saturation by 10% instead.

1736603

1736603

16777215

26241

6272210

20072

8179694

14160

10087679

8760

11993087

547

13893631

10

15859711

0

1736603

1736603

687259

2720411

■ 31131

■ 3770011

■ 4753819

■ 5803163

■ 6787227

■ 7836571

■ 8820635

■ 9869979

■ 10853787

Harmonies

Analogous

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



1147527



1736603



4684197

Triad

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



1736603



10510972



7502151

Complementary

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



1736603



10171930

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.



9072964



1736603



10773347

Square

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



1736603



9332883



10250575



5668695

Rectangle

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



1736603



6517924



10250575



8091461

Sweetspot

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



1736603



9945033



1743670



4677478



15132390



6710886

Same Dimension

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



1736603



40649



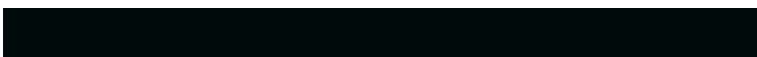
1720219



4541261



28300



2573

Inverse Universe

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



10164863



13172894



10188314



5064011



9175150



851978

Previews

White Background



This preview shows how the Decimal color 1736603 looks on a white 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

Black Background



This preview shows how the Decimal color 1736603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

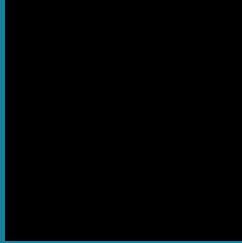
Any Text WCAG AA ✓ Pass

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 1736603 Background



This preview shows how black text looks on a background with the Decimal color 1736603.

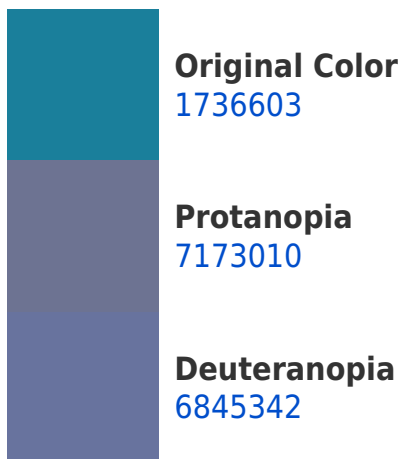


This preview shows how white text looks on a background with the Decimal color 1736603.

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
33164

Trichromacy



Original Color
1736603

Protanomaly
5207957

Deuteranomaly
5011357

Tritanomaly
622737

Monochromacy



Original Color
1736603

Achromatopsia
6579300

Achromatomaly
4812408

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1736603 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 #1A7F9B looks like.

```
.text, #text, p{  
    color:#1A7F9B  
}
```

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 #1A7F9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7F9B
}
```

Border

The CSS property to change the border of an element to Decimal 1736603 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
#1A7F9B }
```

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

```
.border{ border-color:#1A7F9B }
```

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

Here you see how a box with a 4 pixel #1A7F9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7F9B; -webkit-box-shadow:4px 4px  
4px 4px #1A7F9B; box-shadow:4px 4px 4px  
4px #1A7F9B }
```

Background

The CSS property to change the background color of an element to Decimal 1736603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7F9B }
```

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

```
.background{ background-color:#1A7F9B }
```

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