

Converting Colors

Decimal(1678537)

Have a look what the booklet for
Decimal(1678537) contains.

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Color

Decimal(1678537)

Conversions

Conversions Part 1

Format	Color
Hex	199CC9
RGB	25, 156, 201
RGB Percent	10%, 61%, 79%
CMY	0.9020, 0.3882, 0.2118
CMYK	0.88, 0.22, 0.00, 0.21
HSL	195°, 78%, 44%
HSV	195°, 88%, 79%
XYZ	22.8320, 28.2007, 59.4982
YIQ	121.9610, -92.5210, -13.7770

Conversions

Conversions Part 2

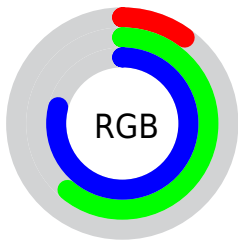
Format	Color
RYB	25, 100, 201
Decimal	1678537
CIELab	60.07, -17.07, -32.36
CIELCh	60, 36.582, 242.187
Yxy	28.2007, 0.2066, 0.2551
Android (android.graphics.Color)	4279868617 (0xFF199CC9)
YUV	121.9610, 38.9662, -85.0348
Hunter-Lab	53.1043, -16.1871, -29.2557

Details

The Decimal color **1678537** 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 **13190681**, and the grayscale version is **8026746**.

A 20% lighter version of the original color is **6935551**, and **27027** is the 20% darker color. If you saturate the color by 10%, you get **366537**, and if you desaturate by 10%, it is **2990537**.

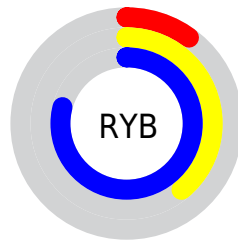
Distribution



Red (10%)

Green (61%)

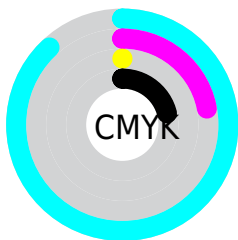
Blue (79%)



Red (10%)

Yellow (39%)

Blue (79%)

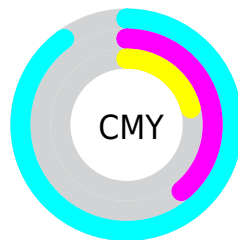


Cyan (88%)

Magenta (22%)

Yellow (0%)

Black (21%)



Cyan (90%)

Magenta (39%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1678537 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 1678537 by changing the saturation by 10% instead.



1678537



1678537

16777215



33454



6935551



27027



9039871



20857



11010047



14944



13041663



9288



15007743



1329



284



0



1678537



1678537

■ 366537

■ 2990537

■ 38601

■ 4302537

■ 5614537

■ 6926793

■ 8304329

■ 9616329

■ 10928329

■ 12240329

■ 13552329

Harmonies

Analogous

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



41394



1678537



6591441

Triad

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



1678537



13465488



8493401

Complementary

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



1678537



13190681

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.



10719311



1678537



13466480

Square

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



1678537



12287151



12485720



5939058

Rectangle

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



1678537



8948940



12485720



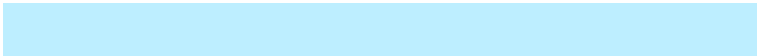
9279060

Sweetspot

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



1678537



12447487



1689925



5797248



0



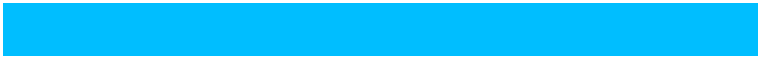
8421504

Same Dimension

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



1678537



48895



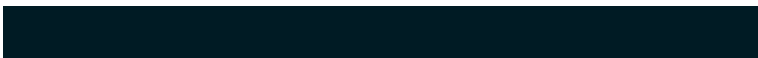
1656265



5923171



31139



6948

Inverse Universe

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



13179292



16711870



13212953



6511201



10682489



2359323

Previews

White Background



This preview shows how the Decimal color 1678537 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 1678537 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 1678537 Background



This preview shows how black text looks on a background with the Decimal color 1678537.



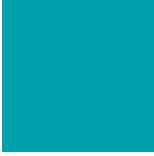
This preview shows how white text looks on a background with the Decimal color 1678537.

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](#).

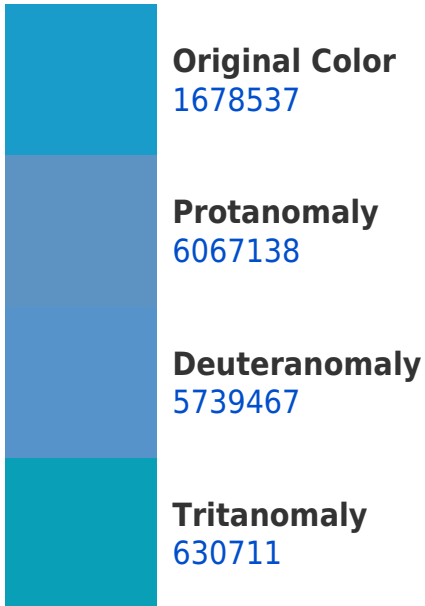
Dichromacy





Tritanopia
41132

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 1678537 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 #199CC9 looks like.

```
.text, #text, p{  
  color:#199CC9  
}
```

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 #199CC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #199CC9
}
```

Border

The CSS property to change the border of an element to Decimal 1678537 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
#199CC9 }
```

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

```
.border{ border-color:#199CC9 }
```

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

Here you see how a box with a 4 pixel #199CC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #199CC9; -webkit-box-shadow:4px 4px  
4px 4px #199CC9; box-shadow:4px 4px 4px  
4px #199CC9 }
```

Background

The CSS property to change the background color of an element to Decimal 1678537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#199CC9 }
```

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

```
.background{ background-color:#199CC9 }
```

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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