

# Converting Colors

Decimal(2002090)

Have a look what the booklet for  
Decimal(2002090) contains.

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# Color

**Decimal(2002090)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E8CAA
RGB	30, 140, 170
RGB Percent	12%, 55%, 67%
CMY	0.8824, 0.4510, 0.3333
CMYK	0.82, 0.18, 0.00, 0.33
HSL	193°, 70%, 39%
HSV	193°, 82%, 67%
XYZ	17.1692, 21.9345, 41.3591
YIQ	110.5300, -75.1900, -13.9900

# Conversions

## Conversions Part 2

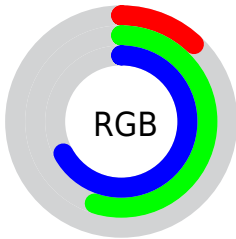
<b>Format</b>	<b>Color</b>
<b>RYB</b>	30, 92, 170
Decimal	2002090
CIELab	53.96, -18.90, -24.23
CIElCh	54, 30.725, 232.048
Yxy	21.9345, 0.2134, 0.2726
Android (android.graphics.Color)	4280192170 (0xFF1E8CAA)
YUV	110.5300, 29.3187, -70.6248
Hunter-Lab	46.8342, -16.5227, -19.5747

# Details

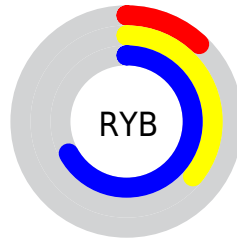
The Decimal color **2002090** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **11156510**, and the grayscale version is **7237230**.

A 20% lighter version of the original color is **6603489**, and **23158** is the 20% darker color. If you saturate the color by 10%, you get **886954**, and if you desaturate by 10%, it is **3117226**.

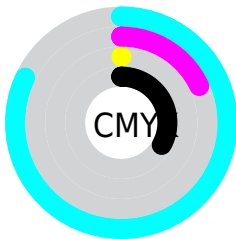
# Distribution



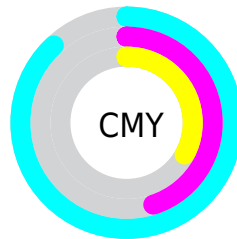
- Red (12%)
- Green (55%)
- Blue (67%)



- Red (12%)
- Yellow (36%)
- Blue (67%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (33%)



- Cyan (88%)
- Magenta (45%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2002090 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 2002090 by changing the saturation by 10% instead.



 2002090

 2002090

16777215

 29327

 6603489

 23158

 8576766

 16989

 10550015

 11333

 12451839

 6191

 14417919

 282

 16383999

 0

 2002090

 2002090

 886954

 3117226

■ 34474

■ 4232106

■ 5347242

■ 6462378

■ 7577258

■ 8692394

■ 9807274

■ 10922410

■ 12037546

# Harmonies

## Analogous

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



1478548



2002090



5146293

# Triad

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



2002090



11562377



8357199

# Complementary

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



2002090



11156510

# 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.



10059084



2002090



11890030

# Square

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



2002090



10253218



11301976



6327392

# Rectangle

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



2002090



7110837



11301976



8946508



# Sweetspot

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



2002090



10932958



2009658



5204336



15790320



7368816



# Same Dimension

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



2002090



176094



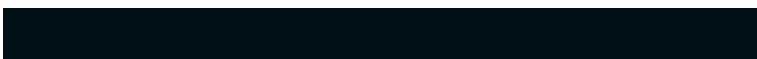
1984682



5001812



29844



4116



# Inverse Universe

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



11148940



14549679



11173918



5524562



9699444



1310736



# Previews

## White Background



This preview shows how the Decimal color 2002090 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 2002090 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

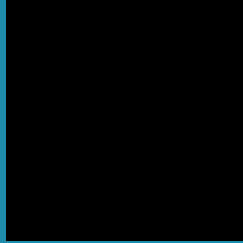
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 2002090 Background



This preview shows how black text looks on a background with the Decimal color 2002090.

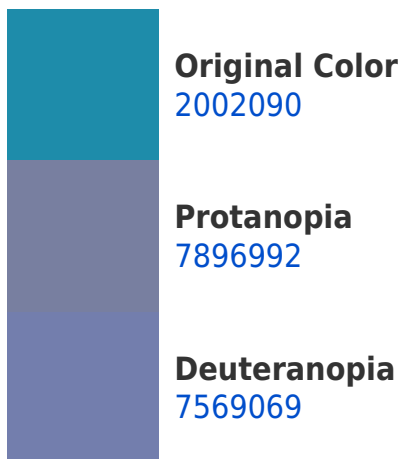


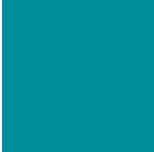
This preview shows how white text looks on a background with the Decimal color 2002090.

# 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](#).

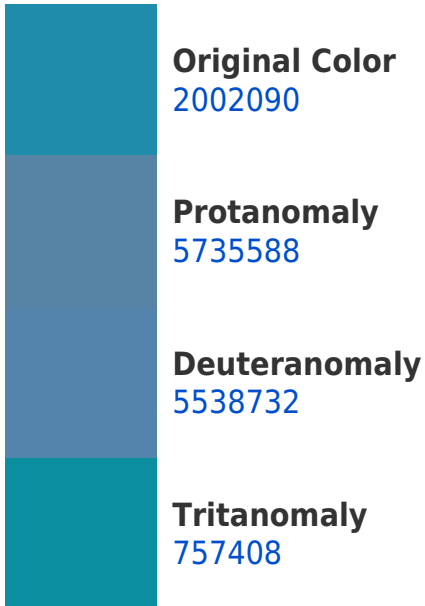
## Dichromacy





**Tritanopia**  
36762

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2002090 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 #1E8CAA looks like.

```
.text, #text, p{  
  color:#1E8CAA  
}
```

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 #1E8CAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8CAA
}
```

## Border

The CSS property to change the border of an element to Decimal 2002090 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
#1E8CAA }
```

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

```
.border{ border-color:#1E8CAA }
```

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

Here you see how a box with a 4 pixel #1E8CAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8CAA; -webkit-box-shadow:4px 4px  
4px 4px #1E8CAA; box-shadow:4px 4px 4px  
4px #1E8CAA }
```

# Background

The CSS property to change the background color of an element to Decimal 2002090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8CAA }
```

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

```
.background{ background-color:#1E8CAA }
```

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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