

# Converting Colors

Decimal(1679023)

Have a look what the booklet for  
Decimal(1679023) contains.

<b>Decimal(1679023)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(1679023)**

# Conversions

## Conversions Part 1

Format	Color
Hex	199EAF
RGB	25, 158, 175
RGB Percent	10%, 62%, 69%
CMY	0.9020, 0.3804, 0.3137
CMYK	0.86, 0.10, 0.00, 0.31
HSL	187°, 75%, 39%
HSV	187°, 86%, 69%
XYZ	20.3656, 27.7555, 44.8414
YIQ	120.1710, -84.7250, -22.9090

# Conversions

## Conversions Part 2

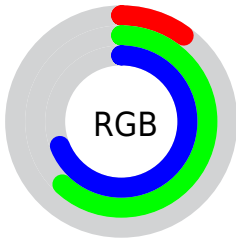
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 95, 175
Decimal	1679023
CIE <sub>Lab</sub>	59.67, -26.96, -18.34
CIE <sub>LCh</sub>	60, 32.603, 214.230
Yxy	27.7555, 0.2191, 0.2986
Android (android.graphics.Color)	4279869103 (0xFF199EAF)
YUV	120.1710, 27.0307, -83.4650
Hunter-Lab	52.6835, -23.1943, -13.5860

# Details

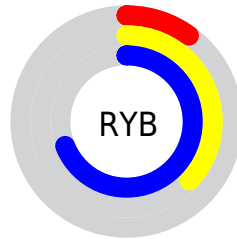
The Decimal color **1679023** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **11479577**, and the grayscale version is **7895160**.

A 20% lighter version of the original color is **6673895**, and **27259** is the 20% darker color. If you saturate the color by 10%, you get **498863**, and if you desaturate by 10%, it is **2793647**.

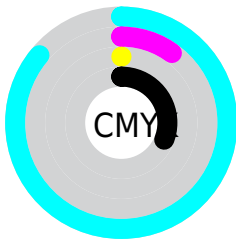
# Distribution



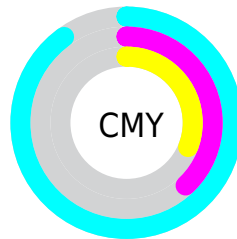
- Red (10%)
- Green (62%)
- Blue (69%)



- Red (10%)
- Yellow (37%)
- Blue (69%)



- Cyan (86%)
- Magenta (10%)
- Yellow (0%)
- Black (31%)



- Cyan (90%)
- Magenta (38%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1679023 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 1679023 by changing the saturation by 10% instead.



 1679023

 1679023

16777215

 33940

 6673895

 27259

 8712703

 21090

 10682367

 14922

 12648447

 9523

 14614527

 543

 16580607

 1

 0

 1679023

 1679023

■ 498863

■ 2793647

■ 39855

■ 3973807

■ 5088431

■ 6268591

■ 7448751

■ 8563375

■ 9677999

■ 10858159

■ 11972783

# Harmonies

## Analogous

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



3645331



1679023



3971523

# Triad

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



1679023



12025257



10456918

# Complementary

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



1679023



11479577

# 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.



12027229



1679023



13007245

# Square

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



1679023



9996223



13008241



8427615

# Rectangle

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



1679023



6132936



13008241



11045974



# Sweetspot

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



1679023



11066595



1683240



5205875



15921906



7566195

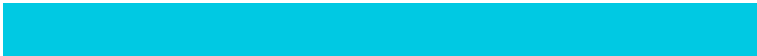


# Same Dimension

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



1679023



51683



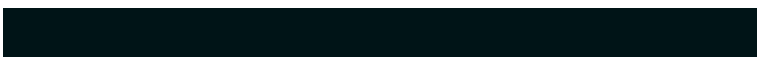
1660335



5133911



34198



5143



# Inverse Universe

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



11475358



14876873



11498265



5721686



9830533



1507348



# Previews

## White Background



This preview shows how the Decimal color 1679023 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 1679023 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

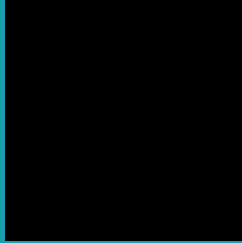
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 1679023 Background



This preview shows how black text looks on a background with the Decimal color 1679023.

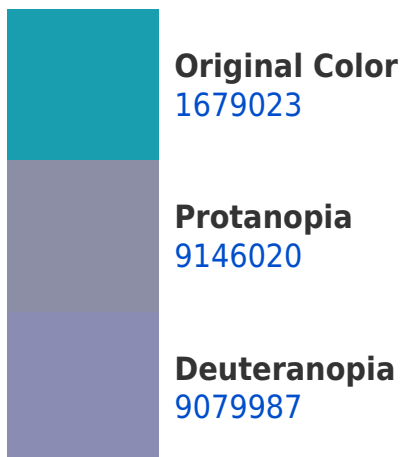


This preview shows how white text looks on a background with the Decimal color 1679023.

# 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**  
1286059

# Trichromacy



**Original Color**  
1679023



**Protanomaly**  
6460584



**Deuteranomaly**  
6394802



**Tritanomaly**  
1417132

# Monochromacy



**Original Color**  
1679023



**Achromatopsia**  
7895160



**Achromatomaly**  
5605004

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1679023 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 #199EAF looks like.

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

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 #199EAF colored shadow looks like.

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

## Border

The CSS property to change the border of an element to Decimal 1679023 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
#199EAF }
```

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

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

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

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

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

# Background

The CSS property to change the background color of an element to Decimal 1679023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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