

Converting Colors

Decimal(2001559)

Have a look what the booklet for
Decimal(2001559) contains.

Decimal(2001559)	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(2001559)

Conversions

Conversions Part 1

Format	Color
Hex	1E8A97
RGB	30, 138, 151
RGB Percent	12%, 54%, 59%
CMY	0.8824, 0.4588, 0.4078
CMYK	0.80, 0.09, 0.00, 0.41
HSL	186°, 67%, 35%
HSV	186°, 80%, 59%
XYZ	15.2098, 20.6873, 32.4696
YIQ	107.1900, -68.5410, -18.8530

Conversions

Conversions Part 2

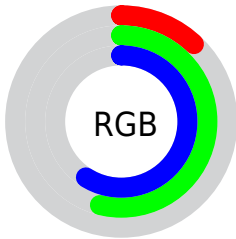
Format	Color
RYB	30, 87, 151
Decimal	2001559
CIELab	52.61, -24.26, -15.33
CIElCh	53, 28.698, 212.297
Yxy	20.6873, 0.2225, 0.3026
Android (android.graphics.Color)	4280191639 (0xFF1E8A97)
YUV	107.1900, 21.5983, -67.6956
Hunter-Lab	45.4833, -19.9047, -10.4875

Details

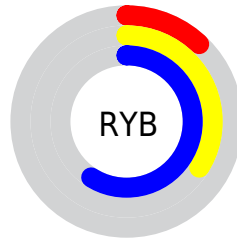
The Decimal color **2001559** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9906974**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6406349**, and **22628** is the 20% darker color. If you saturate the color by 10%, you get **1018007**, and if you desaturate by 10%, it is **2985111**.

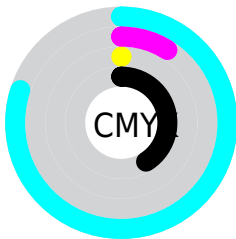
Distribution



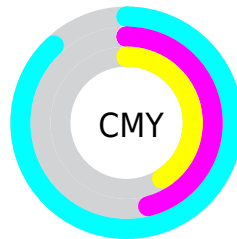
- Red (12%)
- Green (54%)
- Blue (59%)



- Red (12%)
- Yellow (34%)
- Blue (59%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (46%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2001559 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 2001559 by changing the saturation by 10% instead.

2001559

2001559

16777215

28797

6406349

22628

8314089

16460

10221823

10549

12124159

4640

14090239

6

16056319

0

2001559

2001559

1018007

2985111

■ 34711

■ 3968407

■ 4951959

■ 5935255

■ 6984343

■ 7967895

■ 8951191

■ 9934743

■ 10918295

Harmonies

Analogous

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



3509119



2001559



3507881

Triad

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



2001559



10382997



9207116

Complementary

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



2001559



9906974

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.



10581075



2001559



11299709

Square

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



2001559



8615591



11300196



7504979

Rectangle

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



2001559



5276334



11300196



9730637

Sweetspot

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



2001559



9813956



2004778



4677731



14935011



6513507

Same Dimension

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



2001559



569540



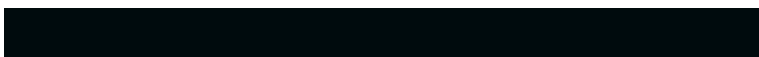
1986199



4541517



32140



2829

Inverse Universe

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



9903754



12847280



9922334



5064012



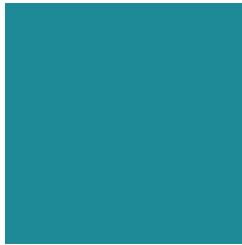
9175165



851979

Previews

White Background



This preview shows how the Decimal color 2001559 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 2001559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

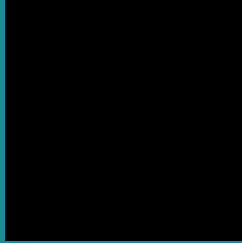
Any Text WCAG AA ✓ Pass

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 2001559 Background



This preview shows how black text looks on a background with the Decimal color 2001559.

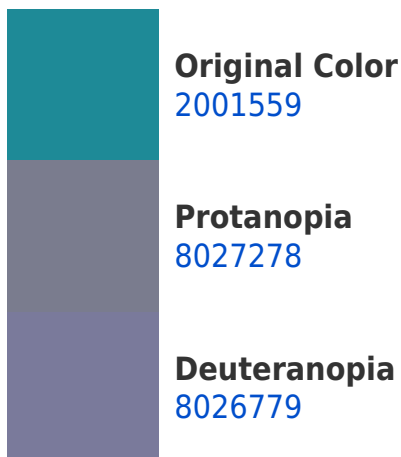


This preview shows how white text looks on a background with the Decimal color 2001559.

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
1870485

Trichromacy



Original Color
2001559



Protanomaly
5865873



Deuteranomaly
5865626



Tritanomaly
1936022

Monochromacy



Original Color
2001559



Achromatopsia
7039851



Achromatomaly
5207675

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2001559 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 #1E8A97 looks like.

```
.text, #text, p{  
    color:#1E8A97  
}
```

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 #1E8A97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E8A97
}
```

Border

The CSS property to change the border of an element to Decimal 2001559 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
#1E8A97 }
```

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

```
.border{ border-color:#1E8A97 }
```

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

Here you see how a box with a 4 pixel #1E8A97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E8A97; -webkit-box-shadow:4px 4px  
4px 4px #1E8A97; box-shadow:4px 4px 4px  
4px #1E8A97 }
```

Background

The CSS property to change the background color of an element to Decimal 2001559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E8A97 }
```

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

```
.background{ background-color:#1E8A97 }
```

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