

Converting Colors

Decimal(300953)

Have a look what the booklet for
Decimal(300953) contains.

| | |
|--|----|
| Decimal(300953) | 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(300953)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 049799 |
| RGB | 4, 151, 153 |
| RGB Percent | 2%, 59%, 60% |
| CMY | 0.9843, 0.4078, 0.4000 |
| CMYK | 0.97, 0.01, 0.00, 0.40 |
| HSL | 181°, 95%, 31% |
| HSV | 181°, 97%, 60% |
| XYZ | 16.8664, 24.4589, 33.9691 |
| YIQ | 107.2750, -88.2540, -30.5420 |

Conversions

Conversions Part 2

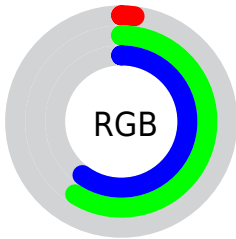
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 4, 78, 153 |
| Decimal | 300953 |
| CIELab | 56.54, -31.72, -10.57 |
| CIElCh | 57, 33.432, 198.428 |
| Yxy | 24.4589, 0.2240, 0.3248 |
| Android (android.graphics.Color) | 4278491033 (0xFF049799) |
| YUV | 107.2750, 22.5424, -90.5722 |
| Hunter-Lab | 49.4560, -25.6724, -6.1044 |

Details

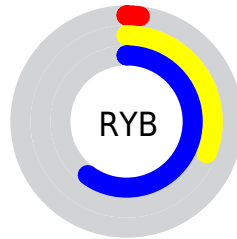
The Decimal color **300953** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **10028548**, and the grayscale version is **7039851**.

A 20% lighter version of the original color is **6016719**, and **25446** is the 20% darker color. If you saturate the color by 10%, you get **38809**, and if you desaturate by 10%, it is **1283993**.

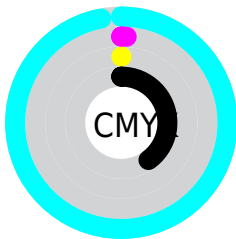
Distribution



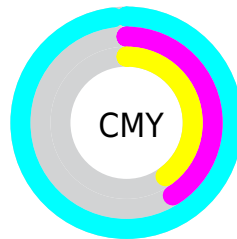
- Red (2%)
- Green (59%)
- Blue (60%)



- Red (2%)
- Yellow (31%)
- Blue (60%)



- Cyan (97%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)





- Cyan (98%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 300953 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 300953 by changing the saturation by 10% instead.

 300953  300953

16777215  32127

 6016719  25446

 8055531  19278

 9961471  13111

 11927551  8226

 13893631  11

 15859711  0

 300953  300953

 38809  1283993

■ 2332569

■ 3315865

■ 4298905

■ 5347481

■ 6330521

■ 7313561

■ 8296857

■ 9345433

Harmonies

Analogous

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



4232827



300953



38066

Triad

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



300953



10582702



10781262

Complementary

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



300953



10028548

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.



12089437



300953



12153492

Square

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



300953



8029375



12611959



9014351

Rectangle

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



300953



3379389



12611959



11304786

Sweetspot

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



300953



9291463



301316



4285283



14935011



6513507

Same Dimension

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



300953



50375



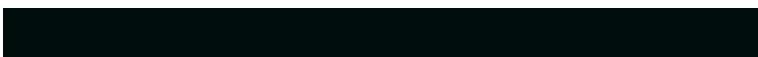
282521



4541517



35468



3341

Inverse Universe

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



10028183



13041860



10047236



5064012



9175178



851981

Previews

White Background



This preview shows how the Decimal color 300953 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 300953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

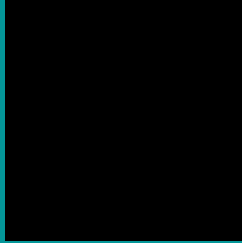
Any Text WCAG AA ✓ Pass

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 300953 Background



This preview shows how black text looks on a background with the Decimal color 300953.

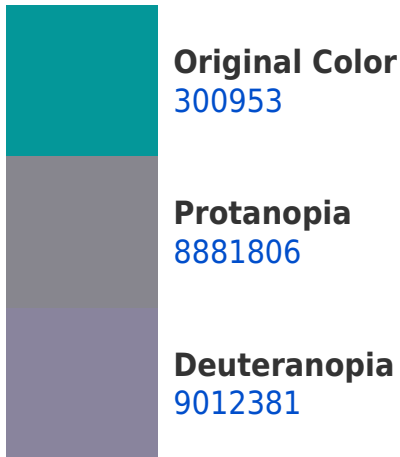


This preview shows how white text looks on a background with the Decimal color 300953.

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
1742498

Trichromacy



Original Color
300953



Protanomaly
5737618



Deuteranomaly
5868444



Tritanomaly
1218207

Monochromacy



Original Color
300953



Achromatopsia
7039851



Achromatomaly
4619132

CSS Examples

Text

The CSS property to change the color of the text to Decimal 300953 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 #049799 looks like.

```
.text, #text, p{  
    color:#049799  
}
```

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 #049799 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #049799
}
```

Border

The CSS property to change the border of an element to Decimal 300953 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
#049799 }
```

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

```
.border{ border-color:#049799 }
```

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

Here you see how a box with a 4 pixel #049799 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #049799; -webkit-box-shadow:4px 4px  
4px 4px #049799; box-shadow:4px 4px 4px  
4px #049799 }
```

Background

The CSS property to change the background color of an element to Decimal 300953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#049799 }
```

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

```
.background{ background-color:#049799 }
```

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