

Converting Colors

Decimal(304563)

Have a look what the booklet for
Decimal(304563) contains.

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Color

Decimal(304563)

Conversions

Conversions Part 1

Format	Color
Hex	04A5B3
RGB	4, 165, 179
RGB Percent	2%, 65%, 70%
CMY	0.9843, 0.3529, 0.2980
CMYK	0.98, 0.08, 0.00, 0.30
HSL	185°, 96%, 36%
HSV	185°, 98%, 70%
XYZ	21.6419, 30.1908, 47.3346
YIQ	118.4570, -100.4500, -29.7780

Conversions

Conversions Part 2

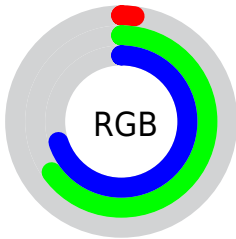
Format	Color
RYB	4, 88, 179
Decimal	304563
CIELab	61.82, -30.10, -17.34
CIELCh	62, 34.740, 209.940
Yxy	30.1908, 0.2182, 0.3044
Android (android.graphics.Color)	4278494643 (0xFF04A5B3)
YUV	118.4570, 29.8477, -100.3788
Hunter-Lab	54.9461, -25.8491, -12.6144

Details

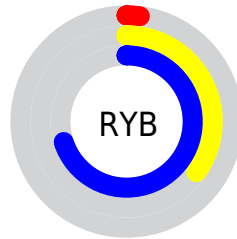
The Decimal color **304563** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **11735556**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **6413547**, and **29054** is the 20% darker color. If you saturate the color by 10%, you get **42419**, and if you desaturate by 10%, it is **1484467**.

Distribution



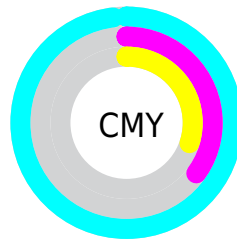
- Red (2%)
- Green (65%)
- Blue (70%)



- Red (2%)
- Yellow (35%)
- Blue (70%)



- Cyan (98%)
- Magenta (8%)
- Yellow (0%)
- Black (30%)

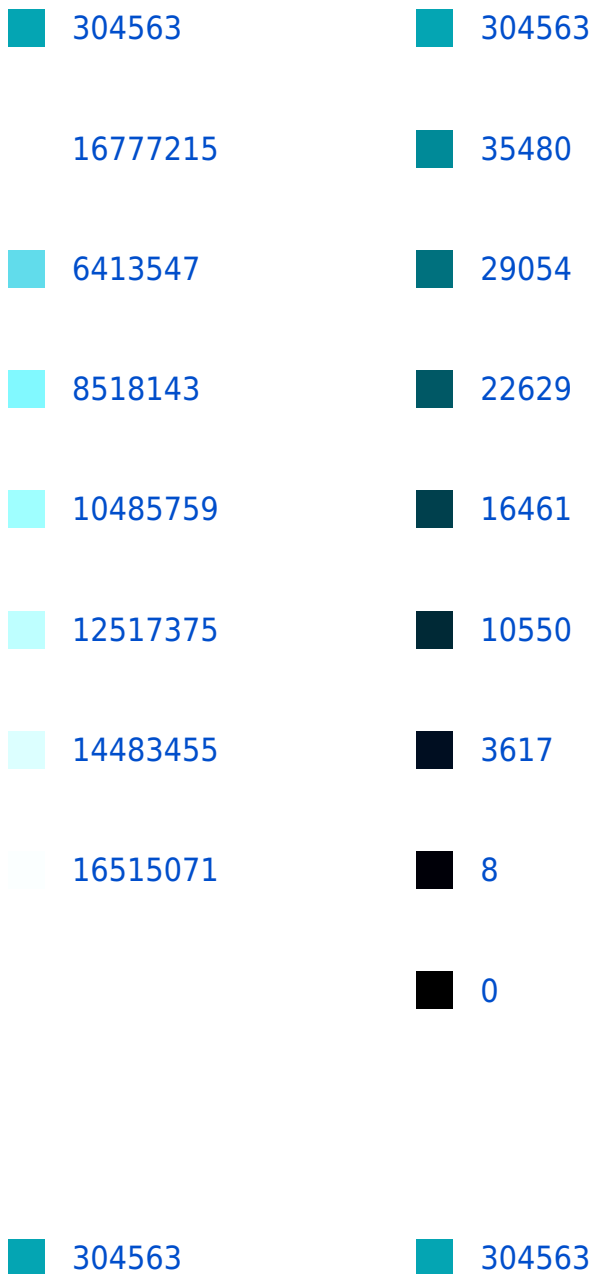


- Cyan (98%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 304563 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 304563 by changing the saturation by 10% instead.



■ 42419

■ 1484467

■ 2664627

■ 3844531

■ 5024691

■ 6204595

■ 7319219

■ 8499123

■ 9679027

■ 10859187

Harmonies

Analogous

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



3843732



304563



3056074

Triad

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



304563



12354485



11178839

Complementary

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



304563



11735556

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.



12749153



304563



13598103

Square

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



304563



10063307



13664376



9084255

Rectangle

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



304563



5675985



13664376



11767897

Sweetspot

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



304563



10871784



307984



5010037



16119285



7697781

Same Dimension

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



304563



54760



282803



5265753



36249



5914

Inverse Universe

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



11732133



15204565



11757316



5853273



10027149



1703959

Previews

White Background



This preview shows how the Decimal color 304563 looks on a white background.

Color Contrast Check

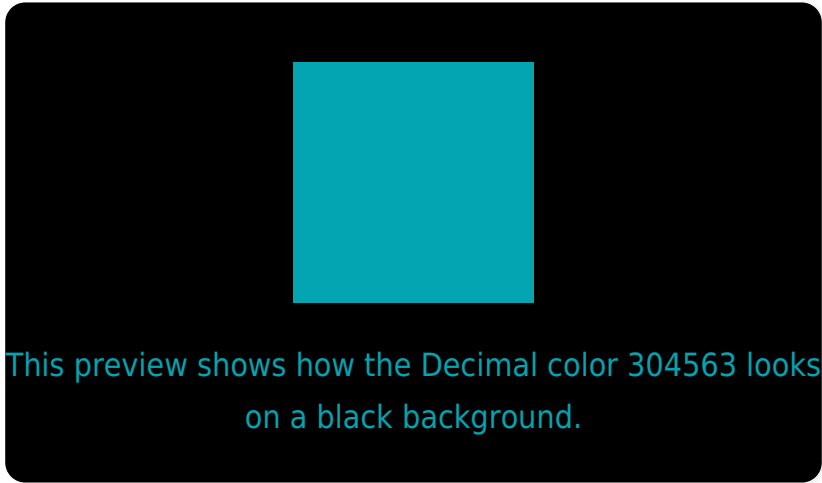
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

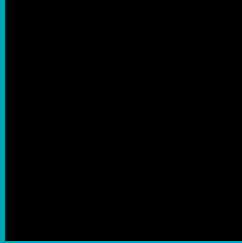
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Decimal 304563 Background



This preview shows how black text looks on a background with the Decimal color 304563.

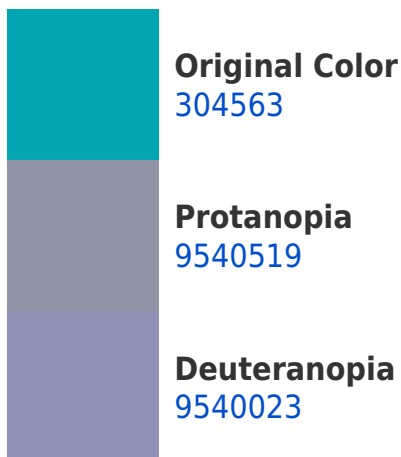


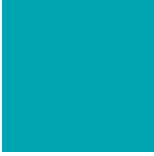
This preview shows how white text looks on a background with the Decimal color 304563.

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



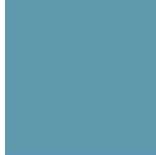


Tritanopia
42418

Trichromacy



Original Color
304563



Protanomaly
6199979



Deuteranomaly
6199478



Tritanomaly
107954

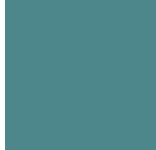
Monochromacy



Original Color
304563



Achromatopsia
7763574



Achromatomaly
5080972

CSS Examples

Text

The CSS property to change the color of the text to Decimal 304563 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 #04A5B3 looks like.

```
.text, #text, p{  
    color:#04A5B3  
}
```

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 #04A5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #04A5B3
}
```

Border

The CSS property to change the border of an element to Decimal 304563 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
#04A5B3 }
```

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

```
.border{ border-color:#04A5B3 }
```

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

Here you see how a box with a 4 pixel #04A5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #04A5B3; -webkit-box-shadow:4px 4px  
4px 4px #04A5B3; box-shadow:4px 4px 4px  
4px #04A5B3 }
```

Background

The CSS property to change the background color of an element to Decimal 304563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#04A5B3 }
```

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

```
.background{ background-color:#04A5B3 }
```

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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