

Converting Colors

Decimal(3723479)

Have a look what the booklet for
Decimal(3723479) contains.

Decimal(3723479)	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(3723479)

Conversions

Conversions Part 1

Format	Color
Hex	38D0D7
RGB	56, 208, 215
RGB Percent	22%, 82%, 84%
CMY	0.7804, 0.1843, 0.1569
CMYK	0.74, 0.03, 0.00, 0.16
HSL	183°, 67%, 53%
HSV	183°, 74%, 84%
XYZ	36.4525, 50.8588, 72.1855
YIQ	163.3500, -92.8390, -30.0470

Conversions

Conversions Part 2

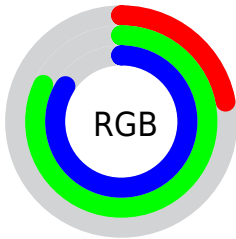
Format	Color
RYB	56, 134, 215
Decimal	3723479
CIELab	76.59, -35.84, -14.75
CIELCh	77, 38.753, 202.369
Yxy	50.8588, 0.2285, 0.3189
Android (android.graphics.Color)	4281913559 (0xFF38D0D7)
YUV	163.3500, 25.4635, -94.1459
Hunter-Lab	71.3154, -33.5625, -10.0926

Details

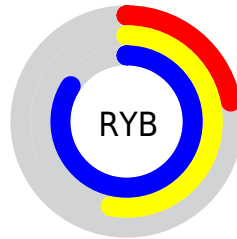
The Decimal color **3723479** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14106424**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **8388607**, and **39328** is the 20% darker color. If you saturate the color by 10%, you get **2346967**, and if you desaturate by 10%, it is **5165527**.

Distribution



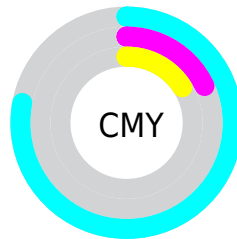
- Red (22%)
- Green (82%)
- Blue (84%)



- Red (22%)
- Yellow (53%)
- Blue (84%)



- Cyan (74%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)

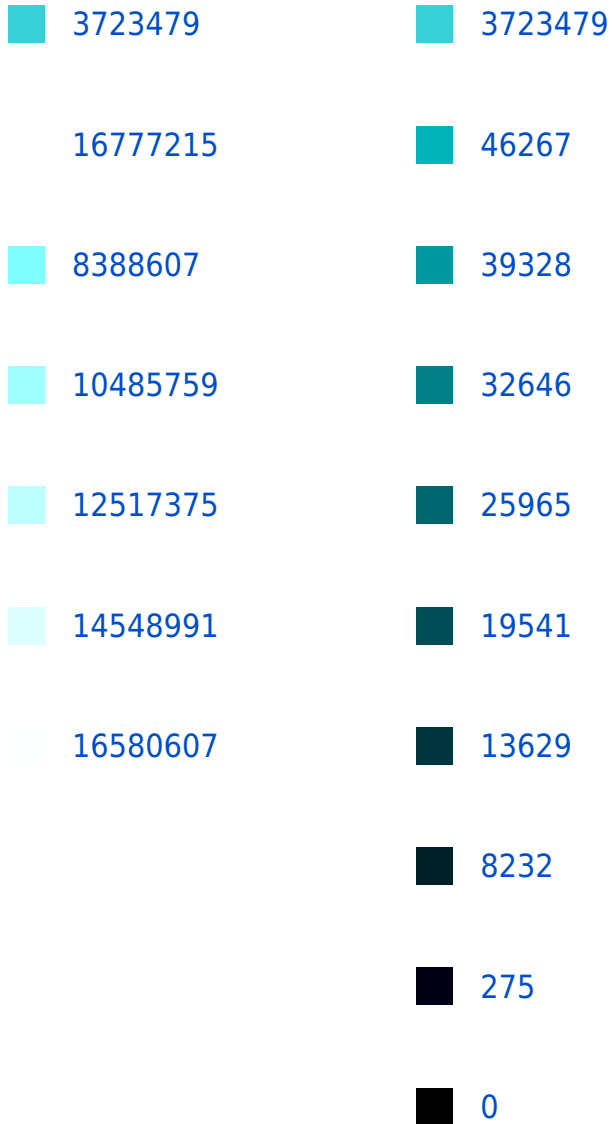


- Cyan (78%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 3723479 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 3723479 by changing the saturation by 10% instead.



■ 3723479

■ 3723479

■ 2346967

■ 5165527

■ 904919

■ 6542039

■ 52951

■ 7984087

■ 9360599

■ 10802647

■ 12179159

■ 13621207

■ 14997719

■ 16439767

Harmonies

Analogous

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



6541490



3723479



4377845

Triad

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



3723479



14789353



14530678

Complementary

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



3723479



14106424

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.



16296838



3723479



16622280

Square

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



3723479



11843583



16753571



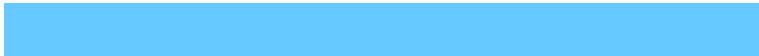
12239738

Rectangle

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



3723479



6801407



16753571



15184761

Sweetspot

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



3723479



13106687



3725117



6192768



0



8421504

Same Dimension

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



3723479



1897983



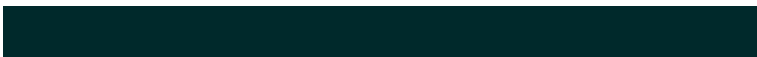
3703511



6318955



41899



10539

Inverse Universe

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



14104784



16719093



14126392



7037035



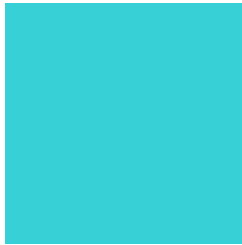
11206819



2818089

Previews

White Background



This preview shows how the Decimal color 3723479 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



This preview shows how the Decimal color 3723479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

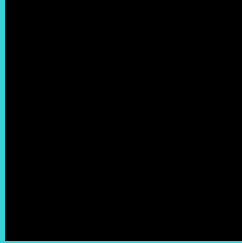
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

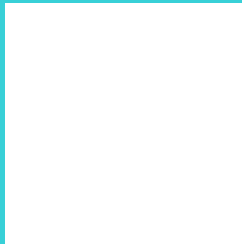
Any Text WCAG AAA ✓ Pass

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

Decimal 3723479 Background



This preview shows how black text looks on a background with the Decimal color 3723479.

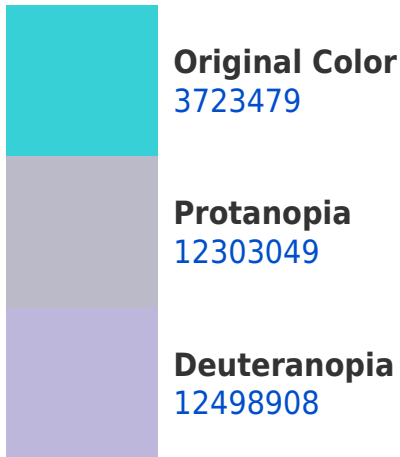


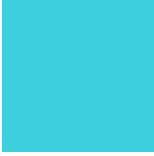
This preview shows how white text looks on a background with the Decimal color 3723479.

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



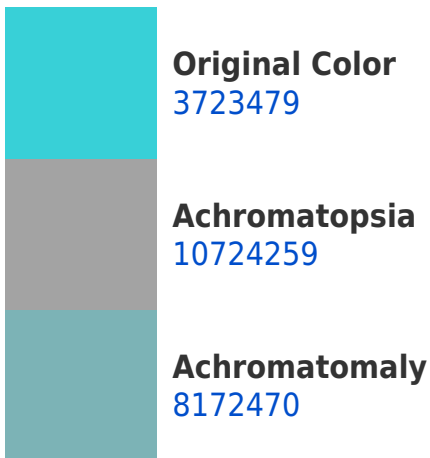


Tritanopia
4116447

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 3723479 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 #38D0D7 looks like.

```
.text, #text, p{  
    color:#38D0D7  
}
```

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 #38D0D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38D0D7
}
```

Border

The CSS property to change the border of an element to Decimal 3723479 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
#38D0D7 }
```

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

```
.border{ border-color:#38D0D7 }
```

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

Here you see how a box with a 4 pixel #38D0D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38D0D7; -webkit-box-shadow:4px 4px  
4px 4px #38D0D7; box-shadow:4px 4px 4px  
4px #38D0D7 }
```

Background

The CSS property to change the background color of an element to Decimal 3723479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38D0D7 }
```

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

```
.background{ background-color:#38D0D7 }
```

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