

Converting Colors

Decimal(4630439)

Have a look what the booklet for
Decimal(4630439) contains.

Decimal(4630439)	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(4630439)

Conversions

Conversions Part 1

Format	Color
Hex	46A7A7
RGB	70, 167, 167
RGB Percent	27%, 65%, 65%
CMY	0.7255, 0.3451, 0.3451
CMYK	0.58, 0.00, 0.00, 0.35
HSL	180°, 41%, 46%
HSV	180°, 58%, 65%
XYZ	23.3196, 31.7295, 41.4546
YIQ	137.9970, -57.8120, -20.5640

Conversions

Conversions Part 2

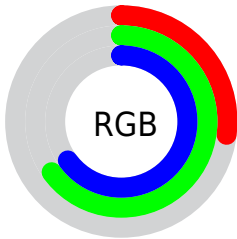
Format	Color
RYB	70, 119, 167
Decimal	4630439
CIELab	63.12, -28.01, -8.54
CIElCh	63, 29.289, 196.960
Yxy	31.7295, 0.2416, 0.3288
Android (android.graphics.Color)	4282820519 (0xFF46A7A7)
YUV	137.9970, 14.2985, -59.6334
Hunter-Lab	56.3290, -24.6788, -4.2034

Details

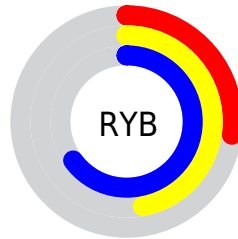
The Decimal color **4630439** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10962502**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **8445662**, and **29555** is the 20% darker color. If you saturate the color by 10%, you get **3516327**, and if you desaturate by 10%, it is **5744551**.

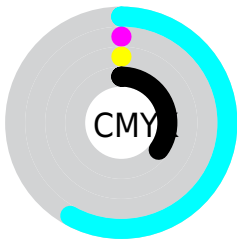
Distribution



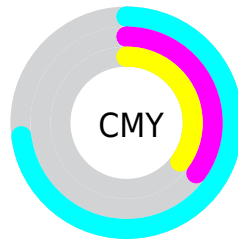
- Red (27%)
- Green (65%)
- Blue (65%)



- Red (27%)
- Yellow (47%)
- Blue (65%)



- Cyan (58%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)



- Cyan (73%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4630439 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 4630439 by changing the saturation by 10% instead.

■ 4630439

■ 4630439

16777215

■ 2395277

■ 8445662

■ 29555

■ 10353659

■ 23131

■ 12255231

■ 16963

■ 14155775

■ 11053

■ 16121855

■ 5145

■ 0

■ 4630439

■ 4630439

■ 3516327

■ 5744551

■ 2467751

■ 6793127

■ 1353639

■ 7907239

■ 239527

■ 9021351

■ 42919

■ 10135463

■ 11184039

■ 12298151

■ 13412263

■ 14460839

Harmonies

Analogous

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



6334092



4630439



4629694

Triad

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



4630439



11439548



11899750

Complementary

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



4630439



10962502

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.



13077364



4630439



12945061

Square

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



4630439



9213642



13469323



10263654

Rectangle

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



4630439



5808584



13469323



12357737

Sweetspot

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



4630439



11852249



4630342



5795438



15592941



7237230

Same Dimension

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



4630439



4315609



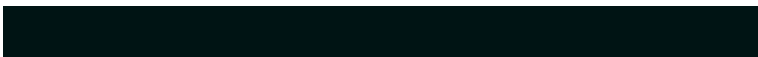
4617895



5002324



38036



5140

Inverse Universe

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



10962599



14238169



10974790



5524564



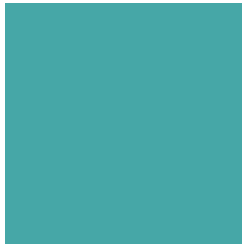
9699476



1310740

Previews

White Background



This preview shows how the Decimal color 4630439 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 4630439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

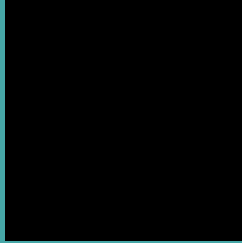
Any Text WCAG AA ✓ Pass

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 4630439 Background



This preview shows how black text looks on a background with the Decimal color 4630439.



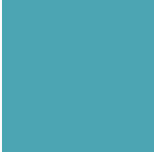
This preview shows how white text looks on a background with the Decimal color 4630439.

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



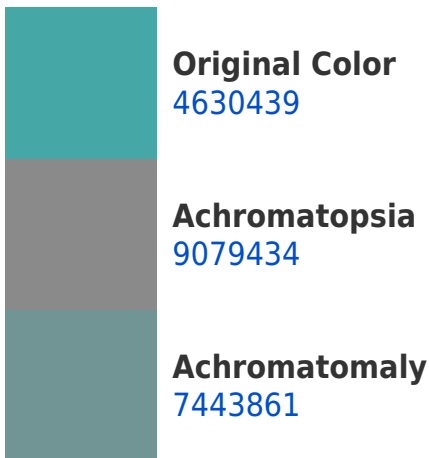


Tritanopia
4957619

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4630439 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 #46A7A7 looks like.

```
.text, #text, p{  
  color:#46A7A7  
}
```

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 #46A7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46A7A7  
}
```

Border

The CSS property to change the border of an element to Decimal 4630439 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  
#46A7A7 }
```

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

```
.border{ border-color:#46A7A7 }
```

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

Here you see how a box with a 4 pixel #46A7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46A7A7; -webkit-box-shadow:4px 4px  
4px 4px #46A7A7; box-shadow:4px 4px 4px  
4px #46A7A7 }
```

Background

The CSS property to change the background color of an element to Decimal 4630439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46A7A7 }
```

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

```
.background{ background-color:#46A7A7 }
```

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