

Converting Colors

Decimal(4707260)

Have a look what the booklet for
Decimal(4707260) contains.

Decimal(4707260)	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(4707260)

Conversions

Conversions Part 1

Format	Color
Hex	47D3BC
RGB	71, 211, 188
RGB Percent	28%, 83%, 74%
CMY	0.7216, 0.1725, 0.2627
CMYK	0.66, 0.00, 0.11, 0.17
HSL	170°, 61%, 55%
HSV	170°, 66%, 83%
XYZ	34.9699, 51.5590, 55.6857
YIQ	166.5180, -76.0570, -36.8330

Conversions

Conversions Part 2

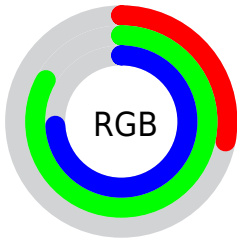
Format	Color
RYB	71, 147, 211
Decimal	4707260
CIELab	77.02, -42.65, 0.43
CIELCh	77, 42.655, 179.419
Yxy	51.5590, 0.2459, 0.3625
Android (android.graphics.Color)	4282897340 (0xFF47D3BC)
YUV	166.5180, 10.5906, -83.7693
Hunter-Lab	71.8046, -38.7258, 4.2828

Details

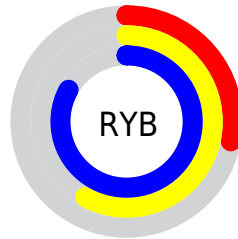
The Decimal color **4707260** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light muted spring green. A complement of this color would be **13846366**, and the grayscale version is **10921638**.

A 20% lighter version of the original color is **8912884**, and **40071** is the 20% darker color. If you saturate the color by 10%, you get **3331001**, and if you desaturate by 10%, it is **6083519**.

Distribution



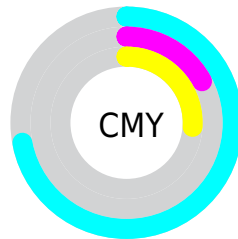
- Red (28%)
- Green (83%)
- Blue (74%)



- Red (28%)
- Yellow (58%)
- Blue (83%)



- Cyan (66%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (72%)
- Magenta (17%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4707260 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 4707260 by changing the saturation by 10% instead.

4707260

4707260

16777215

1816481

8912884

40071

10944511

33134

12910591

26453

14876671

20030

13864

8468

0

4707260

4707260

■ 3331001

■ 6083519

■ 1954741

■ 7459779

■ 578482

■ 8836038

■ 54192

■ 10212298

■ 11654093

■ 13030353

■ 14406612

■ 15782872

■ 16765915

Harmonies

Analogous

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



8441749



4707260



53988

Triad

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



4707260



12694783



16297595

Complementary

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



4707260



13846366

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.



16753305



4707260



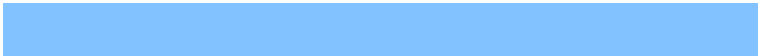
15705831

Square

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



4707260



8569599



16752576



14204014

Rectangle

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



4707260



446457



16752576



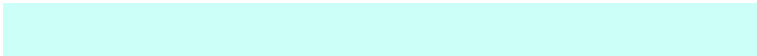
16755076

Sweetspot

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



4707260



13434871



6214471



6389882



0



8421504

Same Dimension

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



4707260



3407837



4695251



6187367



43149



10530

Inverse Universe

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



13846366



16724821



13858375



6905440



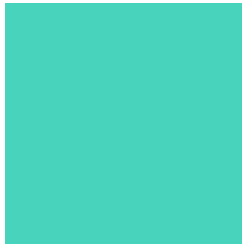
11010076



2686983

Previews

White Background



This preview shows how the Decimal color 4707260 looks on a white background.

Color Contrast Check

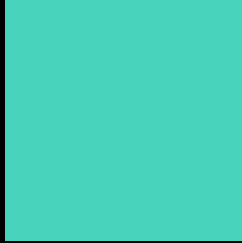
Large Text (above 18pt) WCAG AA × Fail

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 4707260 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

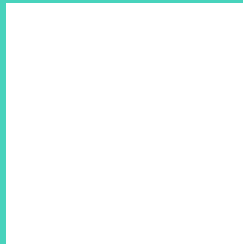
Any Text WCAG AAA ✓ Pass

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

Decimal 4707260 Background



This preview shows how black text looks on a background with the Decimal color 4707260.



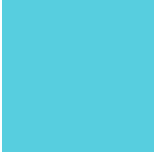
This preview shows how white text looks on a background with the Decimal color 4707260.

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



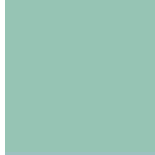


Tritanopia
5754591

Trichromacy



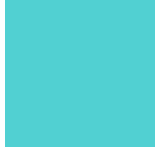
Original Color
4707260



Protanomaly
9880756



Deuteranomaly
10273216



Tritanomaly
5361874

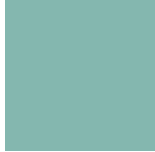
Monochromacy



Original Color
4707260



Achromatopsia
10987431



Achromatomaly
8697775

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4707260 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 #47D3BC looks like.

```
.text, #text, p{  
    color:#47D3BC  
}
```

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 #47D3BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47D3BC
}
```

Border

The CSS property to change the border of an element to Decimal 4707260 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
#47D3BC }
```

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

```
.border{ border-color:#47D3BC }
```

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

Here you see how a box with a 4 pixel #47D3BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47D3BC; -webkit-box-shadow:4px 4px  
4px 4px #47D3BC; box-shadow:4px 4px 4px  
4px #47D3BC }
```

Background

The CSS property to change the background color of an element to Decimal 4707260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47D3BC }
```

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

```
.background{ background-color:#47D3BC }
```

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