

Converting Colors

Decimal(4966059)

Have a look what the booklet for
Decimal(4966059) contains.

| | |
|--|----|
| Decimal(4966059) | 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(4966059)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 4BC6AB |
| RGB | 75, 198, 171 |
| RGB Percent | 29%, 78%, 67% |
| CMY | 0.7059, 0.2235, 0.3294 |
| CMYK | 0.62, 0.00, 0.14, 0.22 |
| HSL | 167°, 52%, 54% |
| HSV | 167°, 62%, 78% |
| XYZ | 30.4464, 44.8243, 45.5753 |
| YIQ | 158.1450, -64.6410, -34.4730 |

Conversions

Conversions Part 2

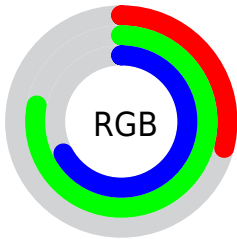
| Format | Color |
|-------------------------------------|--|
| RYB | 75, 144, 198 |
| Decimal | 4966059 |
| CIELab | 72.78, -40.54, 3.45 |
| CIElCh | 73, 40.690, 175.130 |
| Yxy | 44.8243, 0.2519, 0.3709 |
| Android (android.graphics.Color) | 4283156139 (0xFF4BC6AB) |
| YUV | 158.1450, 6.3375, -72.9182 |
| Hunter-Lab | 66.9509, -35.9900, 6.5053 |

Details

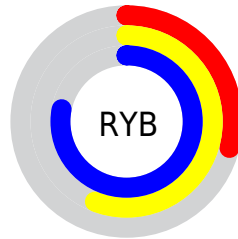
The Decimal color **4966059** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **12995430**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **8978402**, and **36727** is the 20% darker color. If you saturate the color by 10%, you get **3655335**, and if you desaturate by 10%, it is **6276783**.

Distribution



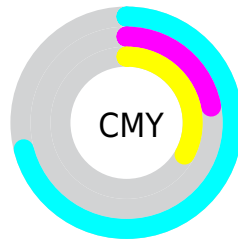
- Red (29%)
- Green (78%)
- Blue (67%)



- Red (29%)
- Yellow (56%)
- Blue (78%)



- Cyan (62%)
- Magenta (0%)
- Yellow (14%)
- Black (22%)



- Cyan (71%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4966059 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 4966059 by changing the saturation by 10% instead.



4966059



4966059

16777215



2599569



8978402



36727



10878975



30046



12845055



23623



14811135



17200



11547



4353



0



4966059



4966059

■ 3655335

■ 6276783

■ 2344610

■ 7587508

■ 1099422

■ 8832696

■ 50843

■ 10143420

■ 11454145

■ 12764869

■ 14075593

■ 15320782

■ 16631506

Harmonies

Analogous

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



8372871



4966059



50897

Triad

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



4966059



11447286



15507831

Complementary

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



4966059



12995430

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.



16422805



4966059



14458590

Square

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



4966059



7387388



16160442



13676136

Rectangle

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



4966059



50150



16160442



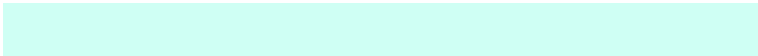
15965567

Sweetspot

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



4966059



13631476



6866507



6455417



0



8421504

Same Dimension

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



4966059



4259797



4957638



5923681



41855



9244

Inverse Universe

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



12995430



16728170



13003851



6511196



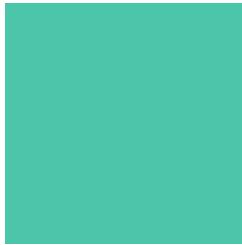
10682404



2359304

Previews

White Background



This preview shows how the Decimal color 4966059 looks on a white background.

Color Contrast Check

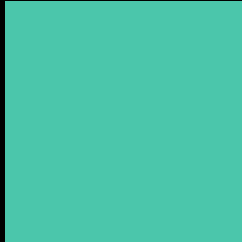
Large Text (above 18pt) WCAG AA × Fail

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 4966059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

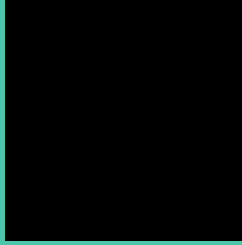
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

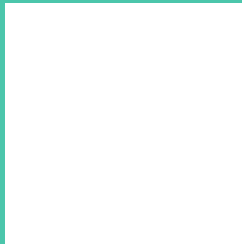
Any Text WCAG AAA ✓ Pass

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

Decimal 4966059 Background



This preview shows how black text looks on a background with the Decimal color 4966059.



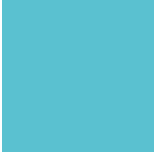
This preview shows how white text looks on a background with the Decimal color 4966059.

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
5947856

Trichromacy



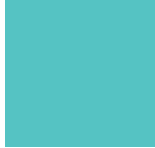
Original Color
4966059



Protanomaly
9550244



Deuteranomaly
9942447



Tritanomaly
5620675

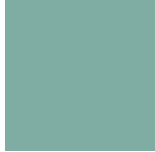
Monochromacy



Original Color
4966059



Achromatopsia
10395294



Achromatomaly
8433059

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4966059 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 #4BC6AB looks like.

```
.text, #text, p{  
    color:#4BC6AB  
}
```

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 #4BC6AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BC6AB
}
```

Border

The CSS property to change the border of an element to Decimal 4966059 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
#4BC6AB }
```

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

```
.border{ border-color:#4BC6AB }
```

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

Here you see how a box with a 4 pixel #4BC6AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BC6AB; -webkit-box-shadow:4px 4px  
4px 4px #4BC6AB; box-shadow:4px 4px 4px  
4px #4BC6AB }
```

Background

The CSS property to change the background color of an element to Decimal 4966059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BC6AB }
```

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

```
.background{ background-color:#4BC6AB }
```

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