

Converting Colors

Decimal(46018)

Have a look what the booklet for
Decimal(46018) contains.

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Color

Decimal(46018)

Conversions

Conversions Part 1

Format	Color
Hex	00B3C2
RGB	0, 179, 194
RGB Percent	0%, 70%, 76%
CMY	1.0000, 0.2980, 0.2392
CMYK	1.00, 0.08, 0.00, 0.24
HSL	185°, 100%, 38%
HSV	185°, 100%, 76%
XYZ	25.8577, 36.1352, 56.6509
YIQ	127.1890, -111.4990, -33.2830

Conversions

Conversions Part 2

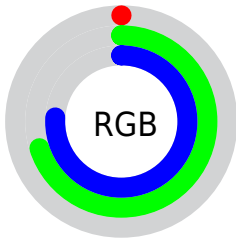
Format	Color
RYB	0, 93, 194
Decimal	46018
CIELab	66.62, -32.15, -18.41
CIELCh	67, 37.048, 209.789
Yxy	36.1352, 0.2179, 0.3046
Android (android.graphics.Color)	4278236098 (0xFF00B3C2)
YUV	127.1890, 32.9378, -111.5448
Hunter-Lab	60.1126, -28.4145, -13.7969

Details

The Decimal color **46018** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as dark washed azure. A complement of this color would be **12717824**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **6679546**, and **32396** is the 20% darker color. If you saturate the color by 10%, you get **46018**, and if you desaturate by 10%, it is **1291458**.

Distribution



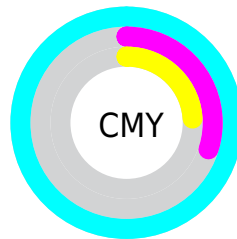
- Red (0%)
- Green (70%)
- Blue (76%)



- Red (0%)
- Yellow (36%)
- Blue (76%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)

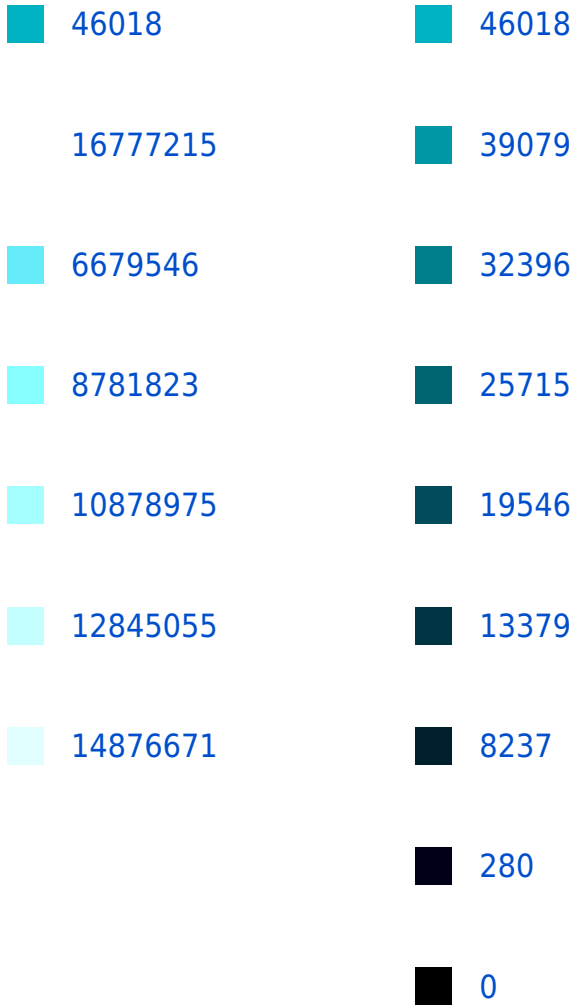


- Cyan (100%)
- Magenta (30%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 46018 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 46018 by changing the saturation by 10% instead.



46018

■ 1291458

■ 2602690

■ 3848130

■ 5159362

■ 6404802

■ 7650498

■ 8961474

■ 10207170

■ 11518146

Harmonies

Analogous

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



4175009



46018



3321563

Triad

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



46018



13405892



12099679

Complementary

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



46018



12717824

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.



13866089



46018



14715044

Square

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



46018



10852828



14846851



9808487

Rectangle

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



46018



6138339



14846851



12754016

Sweetspot

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



46018



11663356



49677



5405824



0



8421504

Same Dimension

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



46018



59900



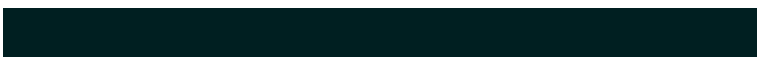
21698



5726305



38049



7969

Inverse Universe

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



12714163



16515305



12742144



6379360



10551444



2162719

Previews

White Background



This preview shows how the Decimal color 46018 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 46018 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

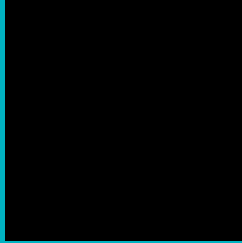
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

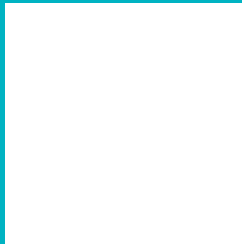
Any Text WCAG AAA ✓ Pass

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

Decimal 46018 Background



This preview shows how black text looks on a background with the Decimal color 46018.

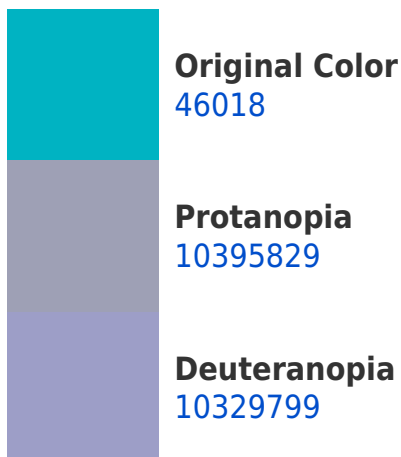


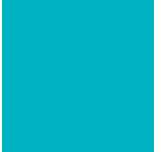
This preview shows how white text looks on a background with the Decimal color 46018.

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



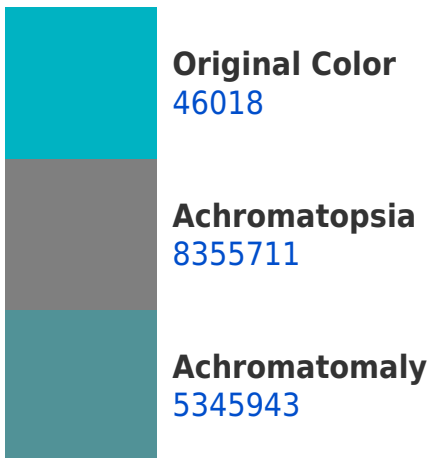


Tritanopia
46018

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 46018 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 #00B3C2 looks like.

```
.text, #text, p{  
    color:#00B3C2  
}
```

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 #00B3C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B3C2
}
```

Border

The CSS property to change the border of an element to Decimal 46018 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
#00B3C2 }
```

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

```
.border{ border-color:#00B3C2 }
```

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

Here you see how a box with a 4 pixel #00B3C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B3C2; -webkit-box-shadow:4px 4px  
4px 4px #00B3C2; box-shadow:4px 4px 4px  
4px #00B3C2 }
```

Background

The CSS property to change the background color of an element to Decimal 46018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B3C2 }
```

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

```
.background{ background-color:#00B3C2 }
```

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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