

# Converting Colors

Decimal(46271)

Have a look what the booklet for  
Decimal(46271) contains.

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# Color

**Decimal(46271)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 00B4BF                        |
| RGB         | 0, 180, 191                   |
| RGB Percent | 0%, 71%, 75%                  |
| CMY         | 1.0000, 0.2941, 0.2510        |
| CMYK        | 1.00, 0.06, 0.00, 0.25        |
| HSL         | 183°, 100%, 37%               |
| HSV         | 183°, 100%, 75%               |
| XYZ         | 25.7252, 36.4041, 54.9610     |
| YIQ         | 127.4340, -110.8110, -34.7390 |

# Conversions

## Conversions Part 2

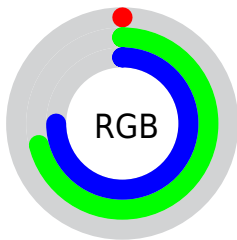
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 0, 93, 191                      |
| Decimal                             | 46271                           |
| CIELab                              | 66.83, -33.59, -16.44           |
| CIELCh                              | 67, 37.394, 206.076             |
| Yxy                                 | 36.4041, 0.2197,<br>0.3109      |
| Android<br>(android.graphics.Color) | 4278236351<br>(0xFF00B4BF)      |
| YUV                                 | 127.4340, 31.3380,<br>-111.7596 |
| Hunter-Lab                          | 60.3358, -29.4811,<br>-11.7733  |

# Details

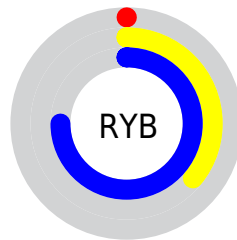
The Decimal color **46271** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **12520192**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **6679799**, and **32650** is the 20% darker color. If you saturate the color by 10%, you get **46271**, and if you desaturate by 10%, it is **1291711**.

# Distribution



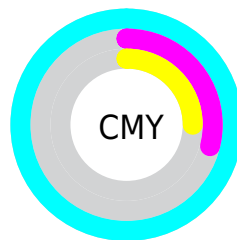
- Red (0%)
- Green (71%)
- Blue (75%)



- Red (0%)
- Yellow (36%)
- Blue (75%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



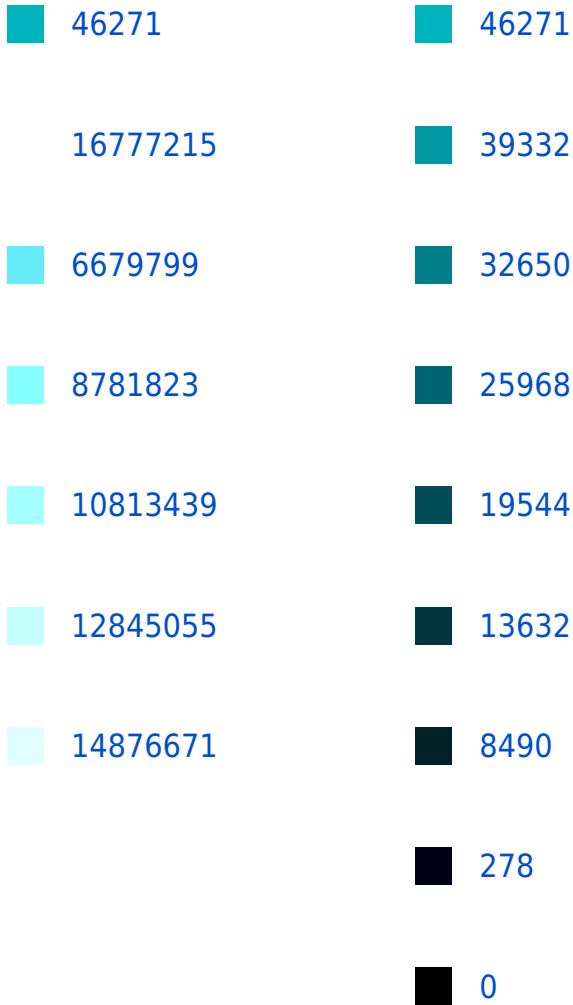
- Cyan (100%)
- Magenta (29%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 46271 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 46271 by changing the saturation by 10% instead.





46271

■ 1291711

■ 2537151

■ 3782591

■ 5028031

■ 6339263

■ 7584703

■ 8830143

■ 10075583

■ 11321023

# Harmonies

## Analogous

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



4502685



46271



2601178

# Triad

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



46271



13209801



12427103

# Complementary

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



46271



12520192

# 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.



14062444



46271



14715304

# Square

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



46271



10525919



14912135



10135909

# Rectangle

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



46271



5549027



14912135



13015905



# Sweetspot

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



46271



11400183



48906



5274237



16579836



8224125



# Same Dimension

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



46271



59895



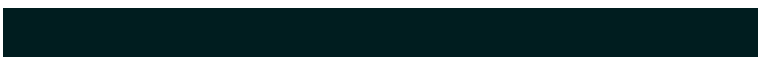
22207



5594718



38302



7455



# Inverse Universe

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



12517556



16187625



12544256



6182238



10354837



2031645



# Previews

## White Background



This preview shows how the Decimal color 46271 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 46271 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

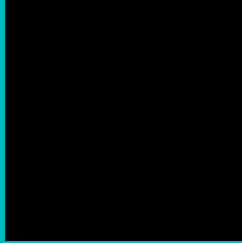
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

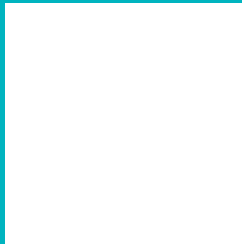
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 46271 Background



This preview shows how black text looks on a background with the Decimal color 46271.

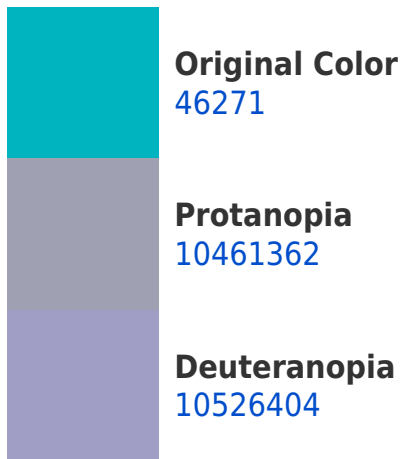


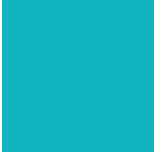
This preview shows how white text looks on a background with the Decimal color 46271.

# 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**  
1225922

# Trichromacy



**Original Color**  
46271



**Protanomaly**  
6662071



**Deuteranomaly**  
6727362



**Tritanomaly**  
767169

# Monochromacy



**Original Color**  
46271



**Achromatopsia**  
8355711



**Achromatomaly**  
5345942

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 46271 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 #00B4BF looks like.

```
.text, #text, p{  
    color:#00B4BF  
}
```

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 #00B4BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00B4BF  
}
```

## Border

The CSS property to change the border of an element to Decimal 46271 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  
#00B4BF }
```

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

```
.border{ border-color:#00B4BF }
```

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

Here you see how a box with a 4 pixel #00B4BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00B4BF; -webkit-box-shadow:4px 4px  
4px 4px #00B4BF; box-shadow:4px 4px 4px  
4px #00B4BF }
```

# Background

The CSS property to change the background color of an element to Decimal 46271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00B4BF }
```

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

```
.background{ background-color:#00B4BF }
```

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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