

# Converting Colors

Decimal(4633496)

Have a look what the booklet for  
Decimal(4633496) contains.

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**Color**

**Decimal(4633496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	46B398
RGB	70, 179, 152
RGB Percent	27%, 70%, 60%
CMY	0.7255, 0.2980, 0.4039
CMYK	0.61, 0.00, 0.15, 0.30
HSL	165°, 44%, 49%
HSV	165°, 61%, 70%
XYZ	24.3134, 35.8093, 35.3362
YIQ	143.3310, -56.2970, -31.5050

# Conversions

## Conversions Part 2

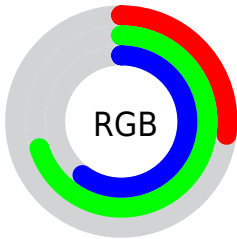
<b>Format</b>	<b>Color</b>
<b>RYB</b>	70, 132, 179
Decimal	4633496
CIELab	66.37, -37.66, 4.58
CIELCh	66, 37.939, 173.062
Yxy	35.8093, 0.2547, 0.3751
Android (android.graphics.Color)	4282823576 (0xFF46B398)
YUV	143.3310, 4.2738, -64.3113
Hunter-Lab	59.8409, -32.1968, 6.8777

# Details

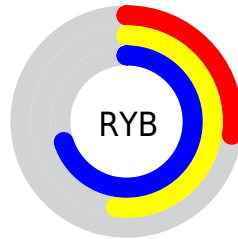
The Decimal color **4633496** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11748961**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **8514510**, and **32101** is the 20% darker color. If you saturate the color by 10%, you get **3453844**, and if you desaturate by 10%, it is **5813148**.

# Distribution



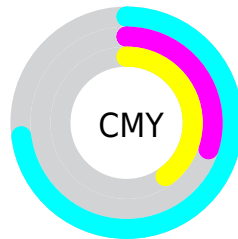
- Red (27%)
- Green (70%)
- Blue (60%)



- Red (27%)
- Yellow (52%)
- Blue (70%)



- Cyan (61%)
- Magenta (0%)
- Yellow (15%)
- Black (30%)



- Cyan (73%)
- Magenta (30%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4633496 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 4633496 by changing the saturation by 10% instead.





4633496



4633496

16777215



2398334



8514510



32101



10420202



25677



12320767



19254



14221311



13345



16187391



7947



0



4633496



4633496



3453844



5813148

■ 2274191

■ 6992801

■ 1094539

■ 8172453

■ 45959

■ 9352106

■ 10531758

■ 11645875

■ 12825527

■ 14005179

■ 15184832

# Harmonies

## Analogous

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



7712631



4633496



46011

# Triad

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



4633496



10132448



14193004

# Complementary

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



4633496



11748961

# 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.



14911624



4633496



12947403

# Square

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



4633496



6334437



14583723



12557661

# Rectangle

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



4633496



45519



14583723



14519668



# Sweetspot

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



4633496



12511454



6402886



5993839



16119285



7697781



# Same Dimension

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



4633496



4188350



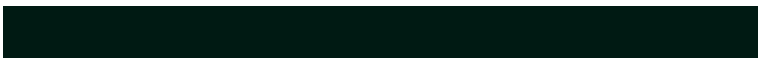
4626611



5265751



39283



6675



# Inverse Universe

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



11748961



15220585



11755846



5853267



10027046



1703942



# Previews

## White Background



This preview shows how the Decimal color 4633496 looks on a white background.

## Color Contrast Check

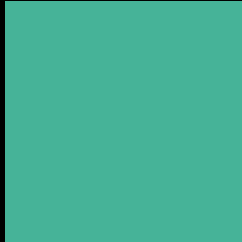
Large Text (above 18pt) WCAG AA × Fail

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 4633496 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

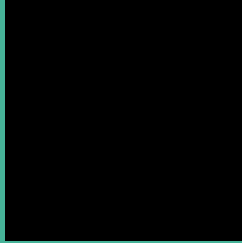
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4633496 Background



This preview shows how black text looks on a background with the Decimal color 4633496.



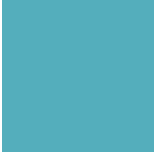
This preview shows how white text looks on a background with the Decimal color 4633496.

# 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



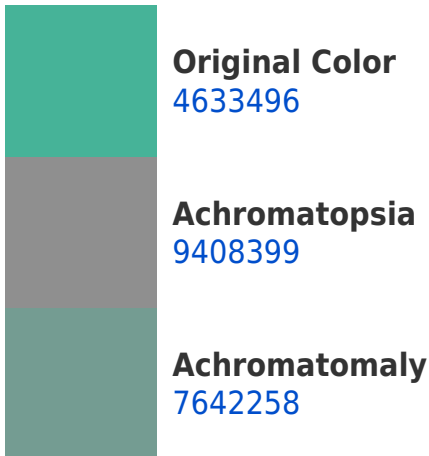


**Tritanopia**  
5549756

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4633496 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 #46B398 looks like.

```
.text, #text, p{  
    color:#46B398  
}
```

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 #46B398 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #46B398
}
```

## Border

The CSS property to change the border of an element to Decimal 4633496 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
#46B398 }
```

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

```
.border{ border-color:#46B398 }
```

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

Here you see how a box with a 4 pixel #46B398 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #46B398; -webkit-box-shadow:4px 4px  
4px 4px #46B398; box-shadow:4px 4px 4px  
4px #46B398 }
```

# Background

The CSS property to change the background color of an element to Decimal 4633496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#46B398 }
```

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

```
.background{ background-color:#46B398 }
```

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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