

# Converting Colors

Decimal(4700318)

Have a look what the booklet for  
Decimal(4700318) contains.

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# **Color**

**Decimal(4700318)**

# Conversions

## Conversions Part 1

Format	Color
Hex	47B89E
RGB	71, 184, 158
RGB Percent	28%, 72%, 62%
CMY	0.7216, 0.2784, 0.3804
CMYK	0.61, 0.00, 0.14, 0.28
HSL	166°, 44%, 50%
HSV	166°, 61%, 72%
XYZ	25.9106, 38.0892, 38.3341
YIQ	147.2490, -59.0020, -32.0420

# Conversions

## Conversions Part 2

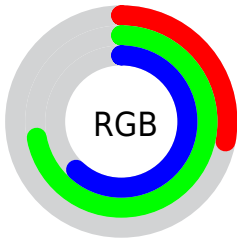
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">71, 135, 184</a>
Decimal	<a href="#">4700318</a>
CIELab	<a href="#">68.09, -38.24, 3.75</a>
CIELCh	<a href="#">68, 38.422, 174.394</a>
Yxy	<a href="#">38.0892, 0.2532, 0.3722</a>
Android (android.graphics.Color)	<a href="#">4282890398 (0xFF47B89E)</a>
YUV	<a href="#">147.2490, 5.3002, -66.8704</a>
Hunter-Lab	<a href="#">61.7164, -33.0636, 6.3746</a>

# Details

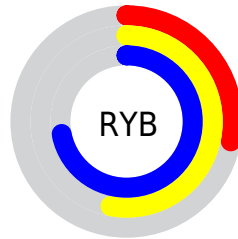
The Decimal color **4700318** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12076897**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8581589**, and **33387** is the 20% darker color. If you saturate the color by 10%, you get **3520666**, and if you desaturate by 10%, it is **5879970**.

# Distribution



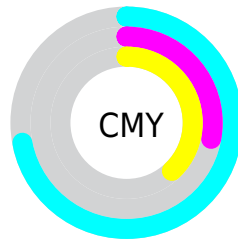
- Red (28%)
- Green (72%)
- Blue (62%)



- Red (28%)
- Yellow (53%)
- Blue (72%)



- Cyan (61%)
- Magenta (0%)
- Yellow (14%)
- Black (28%)



- Cyan (72%)
- Magenta (28%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4700318 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 4700318 by changing the saturation by 10% instead.



4700318

4700318

16777215

2399620

8581589

33387

10485745

26707

12451839

20540

14352383

14374

16318463

8977

0

4700318

4700318

3520666

5879970

■ 2275478

■ 7125158

■ 1095825

■ 8304811

■ 47246

■ 9549999

■ 10729651

■ 11909303

■ 13154492

■ 14334144

■ 15579332

# Harmonies

## Analogous

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



7844988



4700318



47297

# Triad

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



4700318



10526693



14456431

# Complementary

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



4700318



12076897

# 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.



15305867



4700318



13341647

# Square

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



4700318



6794218



14977966



12755552

# Rectangle

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



4700318



46805



14977966



14848631



# Sweetspot

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



4700318



12972262



6404167



6125682



16250871



7895160



# Same Dimension

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



4700318



4124871



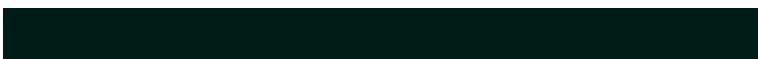
4692664



5463130



40056



7190



# Inverse Universe

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



12076897



15744615



12084551



6050645



10223652

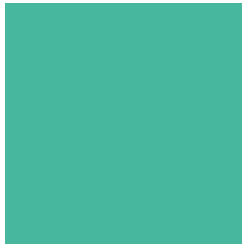


1835014



# Previews

## White Background



This preview shows how the Decimal color 4700318 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 4700318 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 4700318 Background



This preview shows how black text looks on a background with the Decimal color 4700318.



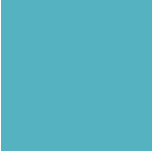
This preview shows how white text looks on a background with the Decimal color 4700318.

# 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**  
5616577

# Trichromacy



**Original Color**  
4700318



**Protanomaly**  
8891287



**Deuteranomaly**  
9283745



**Tritanomaly**  
5289396

# Monochromacy



**Original Color**  
4700318



**Achromatopsia**  
9671571



**Achromatomaly**  
7839895

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4700318 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 #47B89E looks like.

```
.text, #text, p{  
    color:#47B89E  
}
```

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 #47B89E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47B89E
}
```

## Border

The CSS property to change the border of an element to Decimal 4700318 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
#47B89E }
```

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

```
.border{ border-color:#47B89E }
```

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

Here you see how a box with a 4 pixel #47B89E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47B89E; -webkit-box-shadow:4px 4px  
4px 4px #47B89E; box-shadow:4px 4px 4px  
4px #47B89E }
```

# Background

The CSS property to change the background color of an element to Decimal 4700318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47B89E }
```

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

```
.background{ background-color:#47B89E }
```

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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