

# Converting Colors

Decimal(4761487)

Have a look what the booklet for  
Decimal(4761487) contains.

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# **Color**

**Decimal(4761487)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 48A78F                       |
| RGB         | 72, 167, 143                 |
| RGB Percent | 28%, 65%, 56%                |
| CMY         | 0.7176, 0.3451, 0.4392       |
| CMYK        | 0.57, 0.00, 0.14, 0.35       |
| HSL         | 165°, 40%, 47%               |
| HSV         | 165°, 57%, 65%               |
| XYZ         | 21.4491, 30.9983, 30.8394    |
| YIQ         | 135.8590, -48.9160, -27.6040 |

# Conversions

## Conversions Part 2

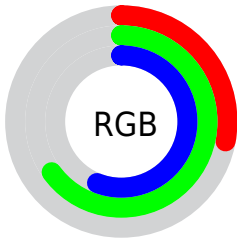
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 72, 126, 167                  |
| Decimal                             | 4761487                       |
| CIELab                              | 62.51, -33.98, 4.01           |
| CIELCh                              | 63, 34.214, 173.267           |
| Yxy                                 | 30.9983, 0.2575,<br>0.3722    |
| Android<br>(android.graphics.Color) | 4282951567<br>(0xFF48A78F)    |
| YUV                                 | 135.8590, 3.5205,<br>-56.0043 |
| Hunter-Lab                          | 55.6761, -28.6664,<br>6.1322  |

# Details

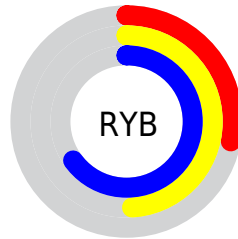
The Decimal color **4761487** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10963040**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **8511429**, and **29277** is the 20% darker color. If you saturate the color by 10%, you get **3647371**, and if you desaturate by 10%, it is **5875603**.

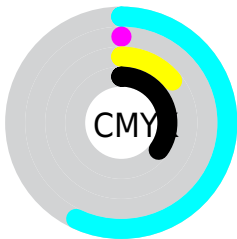
# Distribution



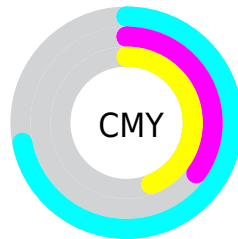
- Red (28%)
- Green (65%)
- Blue (56%)



- Red (28%)
- Yellow (49%)
- Blue (65%)



- Cyan (57%)
- Magenta (0%)
- Yellow (14%)
- Black (35%)



- Cyan (72%)
- Magenta (35%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4761487 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 4761487 by changing the saturation by 10% instead.





4761487



4761487

16777215



2722933



8511429



29277



10353633



22853



12189693



16687



14090239



10778



16056319



4096



0



4761487



4761487



3647371



5875603

■ 2598791

■ 6924183

■ 1484674

■ 8038300

■ 370558

■ 9152416

■ 42877

■ 10200996

■ 11315112

■ 12429229

■ 13543345

■ 14591925

# Harmonies

## Analogous

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



7381874



4761487



1943470

# Triad

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



4761487



9540303



13142120

# Complementary

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



4761487



10963040

# 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.



13795713



4761487



12027836

# Square

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



4761487



6266067



13467807



11637595

# Rectangle

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



4761487



1811904



13467807



13469039



# Sweetspot

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



4761487



11852239



6399816



5795432



15592941



7237230



# Same Dimension

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



4761487



4577716



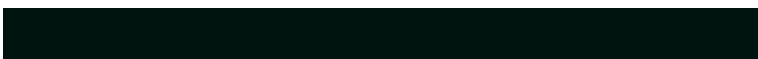
4755879



5002322



37999



5135



# Inverse Universe

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



10963040



14239083



10968648



5524558



9699365

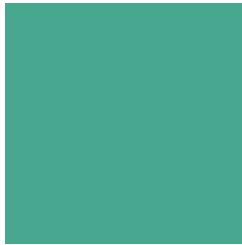


1310725



# Previews

## White Background



This preview shows how the Decimal color 4761487 looks on a white background.

## Color Contrast Check

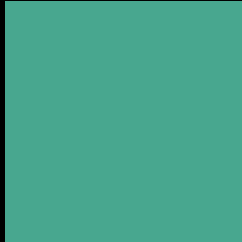
Large Text (above 18pt) WCAG AA × Fail

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 4761487 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 4761487 Background



This preview shows how black text looks on a background with the Decimal color 4761487.




This preview shows how white text looks on a background with the Decimal color 4761487.

# 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**  
5481136

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4761487 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 #48A78F looks like.

```
.text, #text, p{  
    color:#48A78F  
}
```

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 #48A78F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A78F
}
```

## Border

The CSS property to change the border of an element to Decimal 4761487 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
#48A78F }
```

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

```
.border{ border-color:#48A78F }
```

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

Here you see how a box with a 4 pixel #48A78F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A78F; -webkit-box-shadow:4px 4px  
4px 4px #48A78F; box-shadow:4px 4px 4px  
4px #48A78F }
```

# Background

The CSS property to change the background color of an element to Decimal 4761487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A78F }
```

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

```
.background{ background-color:#48A78F }
```

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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