

Converting Colors

Decimal(4760487)

Have a look what the booklet for
Decimal(4760487) contains.

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Color

Decimal(4760487)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 48A3A7 |
| RGB | 72, 163, 167 |
| RGB Percent | 28%, 64%, 65% |
| CMY | 0.7176, 0.3608, 0.3451 |
| CMYK | 0.57, 0.02, 0.00, 0.35 |
| HSL | 183°, 40%, 47% |
| HSV | 183°, 57%, 65% |
| XYZ | 22.7447, 30.3621, 41.2209 |
| YIQ | 136.2470, -55.5200, -18.0480 |

Conversions

Conversions Part 2

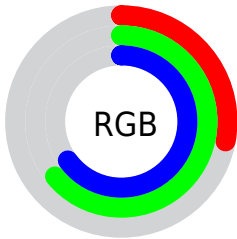
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 72, 118, 167 |
| Decimal | 4760487 |
| CIELab | 61.97, -25.64, -10.26 |
| CIElCh | 62, 27.614, 201.810 |
| Yxy | 30.3621, 0.2411, 0.3219 |
| Android (android.graphics.Color) | 4282950567 (0xFF48A3A7) |
| YUV | 136.2470, 15.1612, -56.3446 |
| Hunter-Lab | 55.1018, -22.7476, -5.7827 |

Details

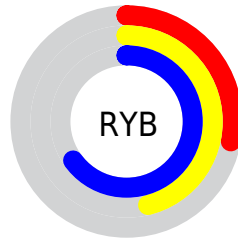
The Decimal color **4760487** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **10964040**, and the grayscale version is **8947848**.

A 20% lighter version of the original color is **8510174**, and **28531** is the 20% darker color. If you saturate the color by 10%, you get **3646119**, and if you desaturate by 10%, it is **5874855**.

Distribution



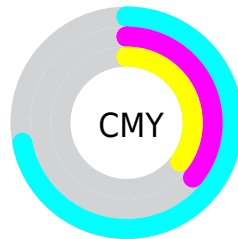
- Red (28%)
- Green (64%)
- Blue (65%)



- Red (28%)
- Yellow (46%)
- Blue (65%)



- Cyan (57%)
- Magenta (2%)
- Yellow (0%)
- Black (35%)



- Cyan (72%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4760487 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 4760487 by changing the saturation by 10% instead.



4760487



4760487

16777215



2656653



8510174



28531



10418171



22107



12320767



15939



14221311



10285



16187391



3609



0



4760487



4760487



3646119



5874855

■ 2597543

■ 6923431

■ 1483175

■ 8037799

■ 368807

■ 9152167

■ 41127

■ 10200999

■ 11315111

■ 12429479

■ 13543847

■ 14592423

Harmonies

Analogous

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



6071182



4760487



5087419

Triad

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



4760487



11438516



11375205

Complementary

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



4760487



10964040

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.



12552816



4760487



12682397

Square

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



4760487



9474755



13075589



9738856

Rectangle

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



4760487



6331588



13075589



11833192

Sweetspot

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



4760487



11851737



4761419



5795182



15592941



7237230

Same Dimension

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



4760487



4576217



4748455



5002324



36500



5140

Inverse Universe

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



10963107



14239187



10976072



5524564



9699470



1310740

Previews

White Background



This preview shows how the Decimal color 4760487 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 4760487 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

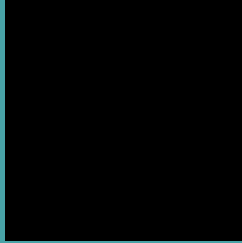
Any Text WCAG AA ✓ Pass

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 4760487 Background



This preview shows how black text looks on a background with the Decimal color 4760487.

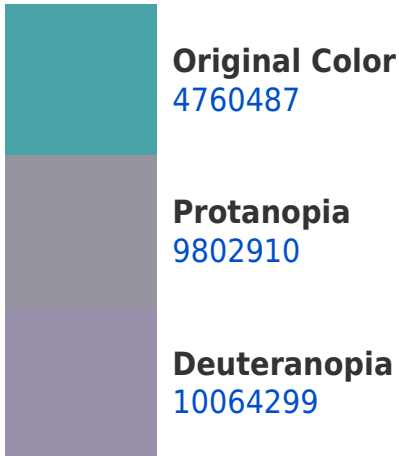



This preview shows how white text looks on a background with the Decimal color 4760487.

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



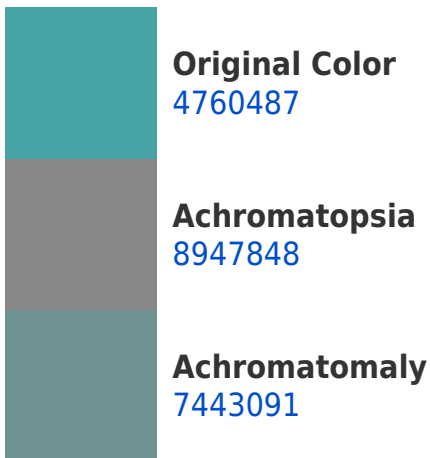


Tritanopia
4956847

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4760487 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 #48A3A7 looks like.

```
.text, #text, p{  
  color:#48A3A7  
}
```

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 #48A3A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48A3A7  
}
```

Border

The CSS property to change the border of an element to Decimal 4760487 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  
#48A3A7 }
```

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

```
.border{ border-color:#48A3A7 }
```

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

Here you see how a box with a 4 pixel #48A3A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48A3A7; -webkit-box-shadow:4px 4px  
4px 4px #48A3A7; box-shadow:4px 4px 4px  
4px #48A3A7 }
```

Background

The CSS property to change the background color of an element to Decimal 4760487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48A3A7 }
```

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

```
.background{ background-color:#48A3A7 }
```

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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