

Converting Colors

Decimal(4766596)

Have a look what the booklet for
Decimal(4766596) contains.

Decimal(4766596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(4766596)

Conversions

Conversions Part 1

Format	Color
Hex	48BB84
RGB	72, 187, 132
RGB Percent	28%, 73%, 52%
CMY	0.7176, 0.2667, 0.4824
CMYK	0.61, 0.00, 0.29, 0.27
HSL	151°, 46%, 51%
HSV	151°, 61%, 73%
XYZ	24.6077, 38.5843, 27.9804
YIQ	146.3450, -50.8850, -41.4850

Conversions

Conversions Part 2

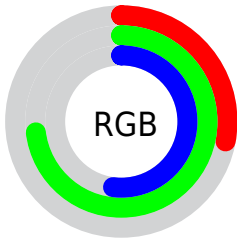
Format	Color
RYB	72, 148, 187
Decimal	4766596
CIELab	68.45, -45.33, 18.45
CIELCh	68, 48.940, 157.855
Yxy	38.5843, 0.2699, 0.4232
Android (android.graphics.Color)	4282956676 (0xFF48BB84)
YUV	146.3450, -7.0721, -65.2006
Hunter-Lab	62.1163, -37.9898, 16.7741

Details

The Decimal color **4766596** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **12273791**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8647865**, and **34130** is the 20% darker color. If you saturate the color by 10%, you get **3521403**, and if you desaturate by 10%, it is **6011789**.

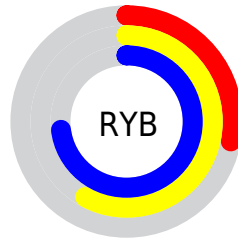
Distribution



Red (28%)

Green (73%)

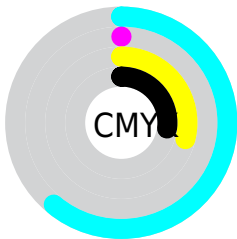
Blue (52%)



Red (28%)

Yellow (58%)

Blue (73%)

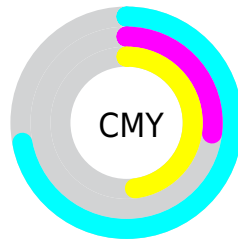


Cyan (61%)

Magenta (0%)

Yellow (29%)

Black (27%)



Cyan (72%)

Magenta (27%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4766596 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 4766596 by changing the saturation by 10% instead.



4766596



4766596

16777215



2531435



8647865



34130



10551253



27451



12451825



21029



14352383



14608



16318463



9216



0



4766596



4766596



3521403



6011789

■ 2341746

■ 7191446

■ 1096553

■ 8436639

■ 47970

■ 9681832

■ 10861489

■ 12106682

■ 13351875

■ 14597068

■ 15776724

Harmonies

Analogous

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



8893534



4766596



48818

Triad

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



4766596



7448830



16091507

Complementary

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



4766596



12273791

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.



16417437



4766596



12228589

Square

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



4766596



46328



15173577



14457173

Rectangle

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



4766596



48591



15173577



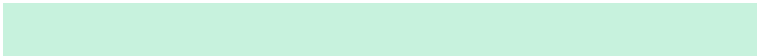
16352896

Sweetspot

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



4766596



13103837



8436552



6257262



16448250



8026746

Same Dimension

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



4766596



4190877



4766139



5594714



40530



7952

Inverse Universe

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



12273791



15875989



12274248



6182233



10354764



2031631

Previews

White Background



This preview shows how the Decimal color 4766596 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 4766596 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

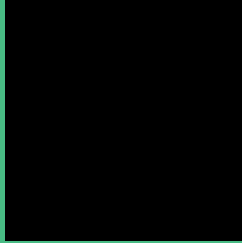
Any Text WCAG AA ✓ Pass

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 4766596 Background



This preview shows how black text looks on a background with the Decimal color 4766596.



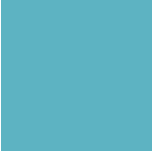
This preview shows how white text looks on a background with the Decimal color 4766596.

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
6140866

Trichromacy



Original Color

4766596



Protanomaly

9154174



Deuteranomaly

9742728



Tritanomaly

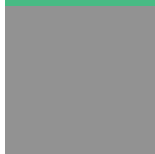
5617323

Monochromacy



Original Color

4766596



Achromatopsia

9605778



Achromatomaly

7840141

CSS Examples

Text

The CSS property to change the color of the text to Decimal 4766596 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 #48BB84 looks like.

```
.text, #text, p{  
    color:#48BB84  
}
```

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 #48BB84 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48BB84
}
```

Border

The CSS property to change the border of an element to Decimal 4766596 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
#48BB84 }
```

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

```
.border{ border-color:#48BB84 }
```

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

Here you see how a box with a 4 pixel #48BB84 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48BB84; -webkit-box-shadow:4px 4px  
4px 4px #48BB84; box-shadow:4px 4px 4px  
4px #48BB84 }
```

Background

The CSS property to change the background color of an element to Decimal 4766596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48BB84 }
```

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

```
.background{ background-color:#48BB84 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor