

# Converting Colors

Decimal(4961949)

Have a look what the booklet for  
Decimal(4961949) contains.

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**Color**

**Decimal(4961949)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BB69D
RGB	75, 182, 157
RGB Percent	29%, 71%, 62%
CMY	0.7059, 0.2863, 0.3843
CMYK	0.59, 0.00, 0.14, 0.29
HSL	166°, 42%, 50%
HSV	166°, 59%, 71%
XYZ	25.7154, 37.3861, 37.7592
YIQ	147.1570, -55.7470, -30.4590

# Conversions

## Conversions Part 2

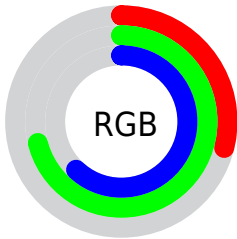
Format	Color
<a href="#">RYB</a>	<a href="#">75, 136, 182</a>
Decimal	<a href="#">4961949</a>
CIELab	<a href="#">67.57, -36.81, 3.57</a>
CIElCh	<a href="#">68, 36.983, 174.468</a>
Yxy	<a href="#">37.3861, 0.2550, 0.3707</a>
Android (android.graphics.Color)	<a href="#">4283152029 (0xFF4BB69D)</a>
YUV	<a href="#">147.1570, 4.8526, -63.2817</a>
Hunter-Lab	<a href="#">61.1442, -31.9305, 6.1867</a>

# Details

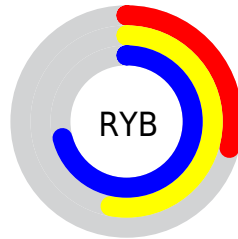
The Decimal color **4961949** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11946852**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **8777427**, and **32874** is the 20% darker color. If you saturate the color by 10%, you get **3782297**, and if you desaturate by 10%, it is **6141601**.

# Distribution



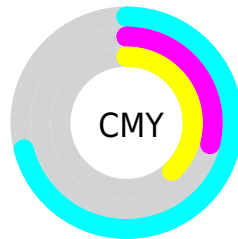
- Red (29%)
- Green (71%)
- Blue (62%)



- Red (29%)
- Yellow (53%)
- Blue (71%)



- Cyan (59%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)



- Cyan (71%)
- Magenta (29%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4961949 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 4961949 by changing the saturation by 10% instead.



■ 4961949

■ 4961949

16777215

■ 2792323

■ 8777427

■ 32874

■ 10682352

■ 26450

■ 12582911

■ 20027

■ 14483455

■ 13861

■ 16449535

■ 8720

■ 0

■ 4961949

■ 4961949

■ 3782297

■ 6141601

■ 2602644

■ 7321254

■ 1357456

■ 8566442

■ 177804

■ 9746094

■ 46731

■ 10925746

■ 12105399

■ 13285051

■ 14530239

■ 15709891

# Harmonies

## Analogous

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



7910013



4961949



1554111

# Triad

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



4961949



10460897



14259567

# Complementary

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



4961949



11946852

# 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.



15043723



4961949



13210316

# Square

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



4961949



6925030



14715820



12623970

# Rectangle

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



4961949



1553618



14715820



14651767



# Sweetspot

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



4961949



12774883



6731339



6125682



16250871



7895160



# Same Dimension

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



4961949



4582854



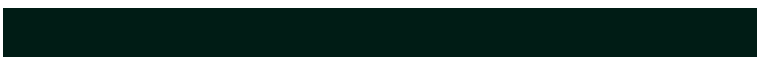
4955062



5463130



40055



7189



# Inverse Universe

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



11946852



15549804



11953739



6050645



10223652

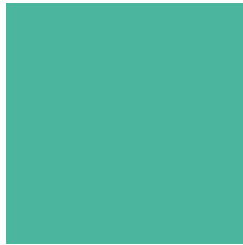


1835015



# Previews

## White Background



This preview shows how the Decimal color 4961949 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 4961949 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

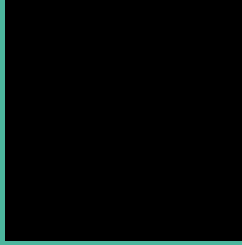
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 4961949 Background



This preview shows how black text looks on a background with the Decimal color 4961949.



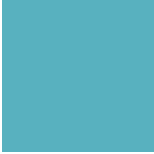
This preview shows how white text looks on a background with the Decimal color 4961949.

# 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**  
5812671

# Trichromacy



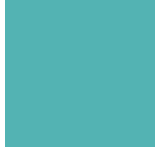
**Original Color**  
4961949



**Protanomaly**  
8891031



**Deuteranomaly**  
9349024



**Tritanomaly**  
5485491

# Monochromacy



**Original Color**  
4961949



**Achromatopsia**  
9671571



**Achromatomaly**  
7970967

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4961949 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 #4BB69D looks like.

```
.text, #text, p{  
    color:#4BB69D  
}
```

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 #4BB69D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4BB69D
}
```

## Border

The CSS property to change the border of an element to Decimal 4961949 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
#4BB69D }
```

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

```
.border{ border-color:#4BB69D }
```

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

Here you see how a box with a 4 pixel #4BB69D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4BB69D; -webkit-box-shadow:4px 4px  
4px 4px #4BB69D; box-shadow:4px 4px 4px  
4px #4BB69D }
```

# Background

The CSS property to change the background color of an element to Decimal 4961949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4BB69D }
```

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

```
.background{ background-color:#4BB69D }
```

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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