

# Converting Colors

Decimal(4951165)

Have a look what the booklet for  
Decimal(4951165) contains.

<b>Decimal(4951165)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(4951165)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4B8C7D
RGB	75, 140, 125
RGB Percent	29%, 55%, 49%
CMY	0.7059, 0.4510, 0.5098
CMYK	0.46, 0.00, 0.11, 0.45
HSL	166°, 30%, 42%
HSV	166°, 46%, 55%
XYZ	15.9814, 21.7327, 22.7546
YIQ	118.8550, -33.9250, -18.4450

# Conversions

## Conversions Part 2

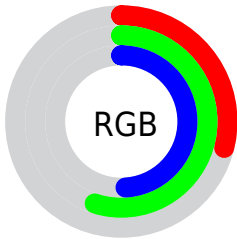
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 112, 140
Decimal	4951165
CIELab	53.74, -24.64, 1.56
CIELCh	54, 24.692, 176.380
Yxy	21.7327, 0.2643, 0.3594
Android (android.graphics.Color)	4283141245 (0xFF4B8C7D)
YUV	118.8550, 3.0295, -38.4608
Hunter-Lab	46.6183, -20.3898, 3.6932

# Details

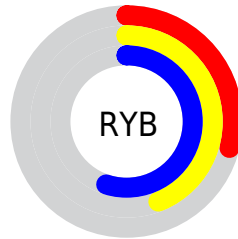
The Decimal color **4951165** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9194330**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **8438450**, and **1268044** is the 20% darker color. If you saturate the color by 10%, you get **4033658**, and if you desaturate by 10%, it is **5868672**.

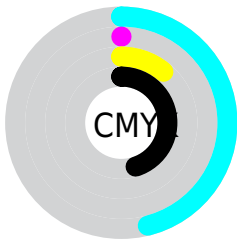
# Distribution



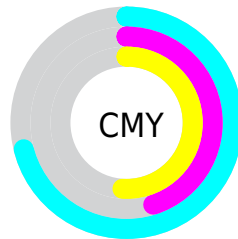
- Red (29%)
- Green (55%)
- Blue (49%)



- Red (29%)
- Yellow (44%)
- Blue (55%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (45%)



- Cyan (71%)
- Magenta (45%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 4951165 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 4951165 by changing the saturation by 10% instead.



 4951165

 4951165

16777215

 3240548


 8438450

 1268044

 10215117

 16950

 12057577

 11040

 13893631

 5641

 15794175

 0

 4951165

 4951165

 4033658

 5868672

 3116151

 6786179

■ 2198643

■ 7703687

■ 1281136

■ 8621194

■ 363629

■ 9538701

■ 35948

■ 10456208

■ 11373716

■ 12291223

■ 13208730

# Harmonies

## Analogous

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



6523496



4951165



3968147

# Triad

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



4951165



8420518



10647390

# Complementary

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



4951165



9194330

# 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.



11235951



4951165



10057112

# Square

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



4951165



6390698



11039108



9600598

# Rectangle

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



4951165



4164255



11039108



10909027



# Sweetspot

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



4951165



10270127



5934155



5004376



14408667



6052956



# Same Dimension

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



4951165



5289374



4946828



4080963



34150



1284



# Inverse Universe

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



9194330



11882599



9198667



4537920



8716319



327681



# Previews

## White Background



This preview shows how the Decimal color 4951165 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4951165 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

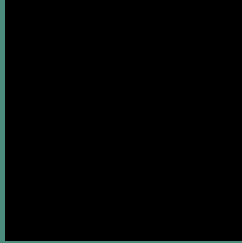
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 4951165 Background



This preview shows how black text looks on a background with the Decimal color 4951165.

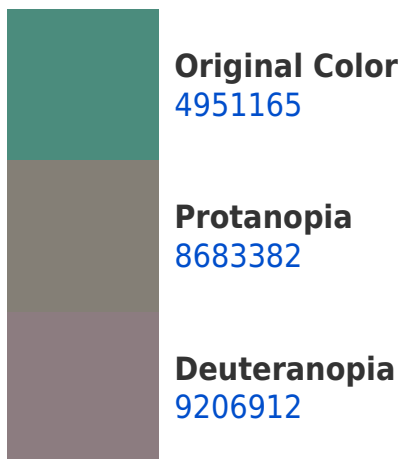


This preview shows how white text looks on a background with the Decimal color 4951165.

# 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**  
5409172

# Trichromacy



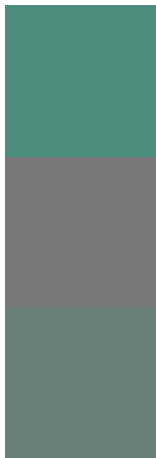
**Original Color**  
4951165

**Protanomaly**  
7308409

**Deuteranomaly**  
7635583

**Tritanomaly**  
5212812

# Monochromacy



**Original Color**  
4951165

**Achromatopsia**  
7829367

**Achromatomaly**  
6782841

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 4951165 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 #4B8C7D looks like.

```
.text, #text, p{  
  color:#4B8C7D  
}
```

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 #4B8C7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B8C7D
}
```

## Border

The CSS property to change the border of an element to Decimal 4951165 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
#4B8C7D }
```

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

```
.border{ border-color:#4B8C7D }
```

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

Here you see how a box with a 4 pixel #4B8C7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B8C7D; -webkit-box-shadow:4px 4px  
4px 4px #4B8C7D; box-shadow:4px 4px 4px  
4px #4B8C7D }
```

# Background

The CSS property to change the background color of an element to Decimal 4951165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B8C7D }
```

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

```
.background{ background-color:#4B8C7D }
```

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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