

# Converting Colors

Decimal(5079173)

Have a look what the booklet for  
Decimal(5079173) contains.

<b>Decimal(5079173)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(5079173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4D8085
RGB	77, 128, 133
RGB Percent	30%, 50%, 52%
CMY	0.6980, 0.4980, 0.4784
CMYK	0.42, 0.04, 0.00, 0.48
HSL	185°, 27%, 41%
HSV	185°, 42%, 52%
XYZ	15.0134, 18.7096, 25.0103
YIQ	113.3210, -32.0010, -9.2570

# Conversions

## Conversions Part 2

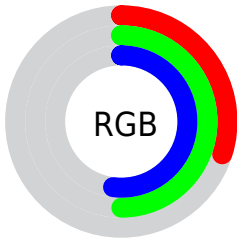
<b>Format</b>	<b>Color</b>
<b>RYB</b>	77, 104, 133
Decimal	5079173
CIELab	50.35, -15.69, -8.10
CIElCh	50, 17.657, 207.292
Yxy	18.7096, 0.2556, 0.3186
Android (android.graphics.Color)	4283269253 (0xFF4D8085)
YUV	113.3210, 9.7017, -31.8535
Hunter-Lab	43.2546, -13.7393, -4.0040

# Details

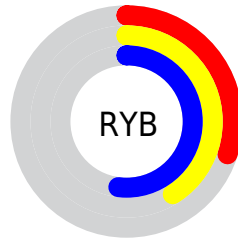
The Decimal color **5079173** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **8737357**, and the grayscale version is **7434609**.

A 20% lighter version of the original color is **8500666**, and **1593172** is the 20% darker color. If you saturate the color by 10%, you get **4226949**, and if you desaturate by 10%, it is **5931397**.

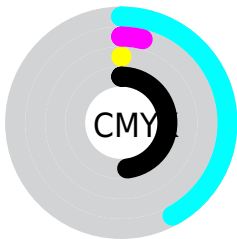
# Distribution



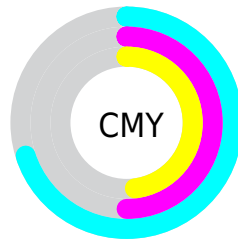
- Red (30%)
- Green (50%)
- Blue (52%)



- Red (30%)
- Yellow (41%)
- Blue (52%)



- Cyan (42%)
- Magenta (4%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (50%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5079173 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 5079173 by changing the saturation by 10% instead.



■ 5079173

■ 5079173

16777215

■ 3368812

■ 8500666

■ 1593172

■ 10277334

■ 14396

■ 12119538

■ 8743

■ 13959167

■ 787

■ 15859711

■ 0

■ 5079173

■ 5079173

■ 4226949

■ 5931397

■ 3309189

■ 6849157

■ 2456709

■ 7701637

■ 1604485

■ 8553861

■ 752261

■ 9406085

■ 31109

■ 10323845

■ 11176069

■ 12028549

■ 12946309

# Harmonies

## Analogous

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



5537910



5079173



5471889

# Triad

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



5079173



9072776



8681050

# Complementary

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



5079173



8737357

# 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.



9531743



5079173



9727354

# Square

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



5079173



7959698



9924203



7633757

# Rectangle

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



5079173



6192021



9924203



9008475



# Sweetspot

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



5079173



9939885



5080402



4805975



14079702



5723991



# Same Dimension

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



5079173



5613229



5072005



3949122



30338



515



# Inverse Universe

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



8736128



11359654



8744525



4340802



8519798

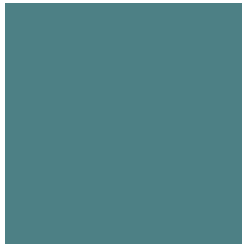


196610



# Previews

## White Background



This preview shows how the Decimal color 5079173 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 5079173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

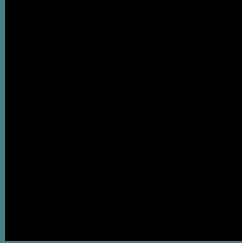
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 5079173 Background



This preview shows how black text looks on a background with the Decimal color 5079173.

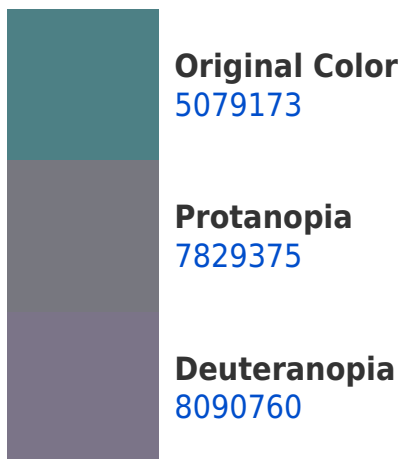



This preview shows how white text looks on a background with the Decimal color 5079173.

# 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**  
5144458

# Trichromacy



**Original Color**  
5079173

**Protanomaly**  
6847105

**Deuteranomaly**  
6977671

**Tritanomaly**  
5144456

# Monochromacy



**Original Color**  
5079173

**Achromatopsia**  
7434609

**Achromatomaly**  
6583928

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5079173 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 #4D8085 looks like.

```
.text, #text, p{  
  color:#4D8085  
}
```

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 #4D8085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D8085
}
```

## Border

The CSS property to change the border of an element to Decimal 5079173 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
#4D8085 }
```

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

```
.border{ border-color:#4D8085 }
```

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

Here you see how a box with a 4 pixel #4D8085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D8085; -webkit-box-shadow:4px 4px  
4px 4px #4D8085; box-shadow:4px 4px 4px  
4px #4D8085 }
```

# Background

The CSS property to change the background color of an element to Decimal 5079173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D8085 }
```

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

```
.background{ background-color:#4D8085 }
```

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