

# Converting Colors

Decimal(5093007)

Have a look what the booklet for  
Decimal(5093007) contains.

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**Color**

**Decimal(5093007)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4DB68F
RGB	77, 182, 143
RGB Percent	30%, 71%, 56%
CMY	0.6980, 0.2863, 0.4392
CMYK	0.58, 0.00, 0.21, 0.29
HSL	158°, 42%, 51%
HSV	158°, 58%, 71%
XYZ	24.7464, 37.0168, 31.8273
YIQ	146.1590, -50.0610, -34.3890

# Conversions

## Conversions Part 2

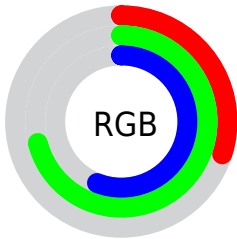
Format	Color
<a href="#">RYB</a>	<a href="#">77, 141, 182</a>
Decimal	<a href="#">5093007</a>
CIELab	<a href="#">67.29, -39.73, 10.87</a>
CIElCh	<a href="#">67, 41.195, 164.699</a>
Yxy	<a href="#">37.0168, 0.2644, 0.3955</a>
Android (android.graphics.Color)	<a href="#">4283283087 (0xFF4DB68F)</a>
YUV	<a href="#">146.1590, -1.5574, -60.6524</a>
Hunter-Lab	<a href="#">60.8415, -33.8701, 11.5733</a>

# Details

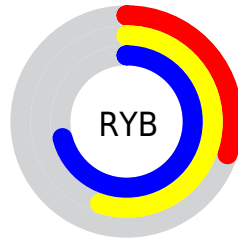
The Decimal color **5093007** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **11947380**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **8843205**, and **32861** is the 20% darker color. If you saturate the color by 10%, you get **3913352**, and if you desaturate by 10%, it is **6272662**.

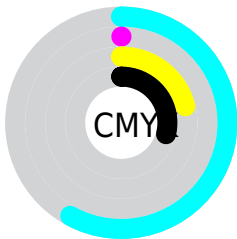
# Distribution



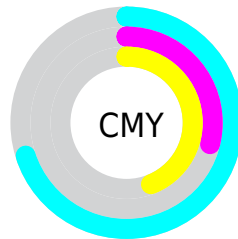
- Red (30%)
- Green (71%)
- Blue (56%)



- Red (30%)
- Yellow (55%)
- Blue (71%)



- Cyan (58%)
- Magenta (0%)
- Yellow (21%)
- Black (29%)



- Cyan (70%)
- Magenta (29%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 5093007 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 5093007 by changing the saturation by 10% instead.



 5093007

 5093007

16777215

 3054453

 8843205

 32861

 10747873

 26437

 12648445

 20015

 14548991

 13850


 16515071

 8448

 0

 5093007

 5093007

 3913352

 6272662

■ 2733697

■ 7452317

■ 1488507

■ 8697507

■ 308852

■ 9877162

■ 46706

■ 11056817

■ 12236472

■ 13416126

■ 14661317

■ 15840972

# Harmonies

## Analogous

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



8434030



5093007



47029

# Triad

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



5093007



9085419



14913137

# Complementary

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



5093007



11947380

# 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.



15435411



5093007



12555225

# Square

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



5093007



4304363



14715064



13409116

# Rectangle

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



5093007



46797



14715064



15240059



# Sweetspot

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



5093007



12971486



7714381



6322287



16250871



7895160



# Same Dimension

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



5093007



4910512



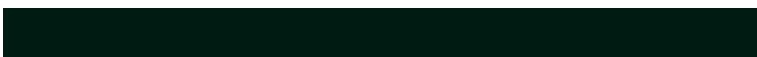
5089974



5463128



40034



7186



# Inverse Universe

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



11947380



15551110



11950413



6050646



10223674

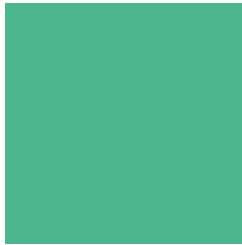


1835018



# Previews

## White Background



This preview shows how the Decimal color 5093007 looks on a white background.

## Color Contrast Check

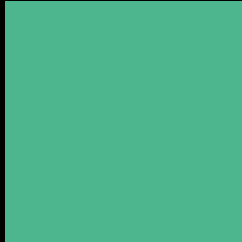
Large Text (above 18pt) WCAG AA × Fail

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 5093007 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

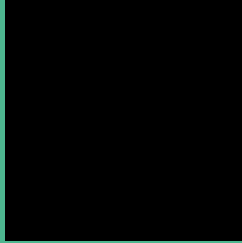
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 5093007 Background



This preview shows how black text looks on a background with the Decimal color 5093007.



This preview shows how white text looks on a background with the Decimal color 5093007.

# 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**  
6074558

# Trichromacy



**Original Color**  
5093007



**Protanomaly**  
9021833



**Deuteranomaly**  
9545362



**Tritanomaly**  
5747373

# Monochromacy



**Original Color**  
5093007



**Achromatopsia**  
9605778



**Achromatomaly**  
7970705

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 5093007 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 #4DB68F looks like.

```
.text, #text, p{  
  color:#4DB68F  
}
```

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 #4DB68F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4DB68F
}
```

## Border

The CSS property to change the border of an element to Decimal 5093007 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
#4DB68F }
```

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

```
.border{ border-color:#4DB68F }
```

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

Here you see how a box with a 4 pixel #4DB68F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4DB68F; -webkit-box-shadow:4px 4px  
4px 4px #4DB68F; box-shadow:4px 4px 4px  
4px #4DB68F }
```

# Background

The CSS property to change the background color of an element to Decimal 5093007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4DB68F }
```

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

```
.background{ background-color:#4DB68F }
```

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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