

# Converting Colors

Decimal(557970)

Have a look what the booklet for  
Decimal(557970) contains.

<b>Decimal(557970)</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(557970)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	088392
RGB	8, 131, 146
RGB Percent	3%, 51%, 57%
CMY	0.9686, 0.4863, 0.4275
CMYK	0.95, 0.10, 0.00, 0.43
HSL	187°, 90%, 30%
HSV	187°, 95%, 57%
XYZ	13.4047, 18.3595, 30.0314
YIQ	95.9330, -78.1230, -21.4110

# Conversions

## Conversions Part 2

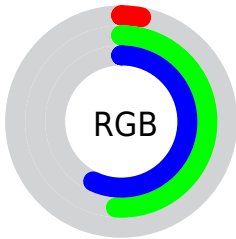
<b>Format</b>	<b>Color</b>
<b>RYB</b>	8, 73, 146
Decimal	557970
CIELab	49.93, -23.92, -16.52
CIELCh	50, 29.065, 214.628
Yxy	18.3595, 0.2169, 0.2971
Android (android.graphics.Color)	4278748050 (0xFF088392)
YUV	95.9330, 24.6830, -77.1172
Hunter-Lab	42.8480, -19.1414, -11.5616

# Details

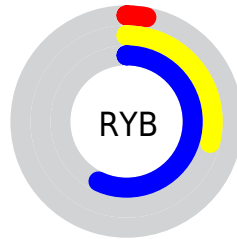
The Decimal color **557970** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9574152**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **5814472**, and **20831** is the 20% darker color. If you saturate the color by 10%, you get **33426**, and if you desaturate by 10%, it is **1541522**.

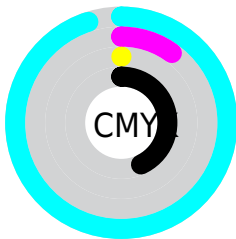
# Distribution



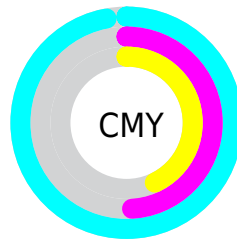
- Red (3%)
- Green (51%)
- Blue (57%)



- Red (3%)
- Yellow (29%)
- Blue (57%)



- Cyan (95%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)




- Cyan (97%)
- Magenta (49%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 557970 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 557970 by changing the saturation by 10% instead.



 557970  557970

16777215  27256

 5814472  20831

 7722212  14920

 9630207  9265

 11599871  541

 13500415  0

 15466495

 557970  557970

 33426  1541522

■ 2459282

■ 3442834

■ 4360594

■ 5344146

■ 6327698

■ 7245458

■ 8229010

■ 9146770

# Harmonies

## Analogous

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



2655354



557970



2981795

# Triad

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



557970



10053516



8615749

# Complementary

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



557970



9574152

# 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.



9989707



557970



10904436

# Square

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



557970



8351647



10839644



6913613

# Rectangle

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



557970



4946856



10839644



9139269



# Sweetspot

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



557970



8959933



561686



4086622



14606046



6184542



# Same Dimension

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



557970



43197



540562



4409674



31626



2314



# Inverse Universe

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



9570435



12386472



9591560



4866889



9044091



655369



# Previews

## White Background



This preview shows how the Decimal color 557970 looks on a white background.

## Color Contrast Check

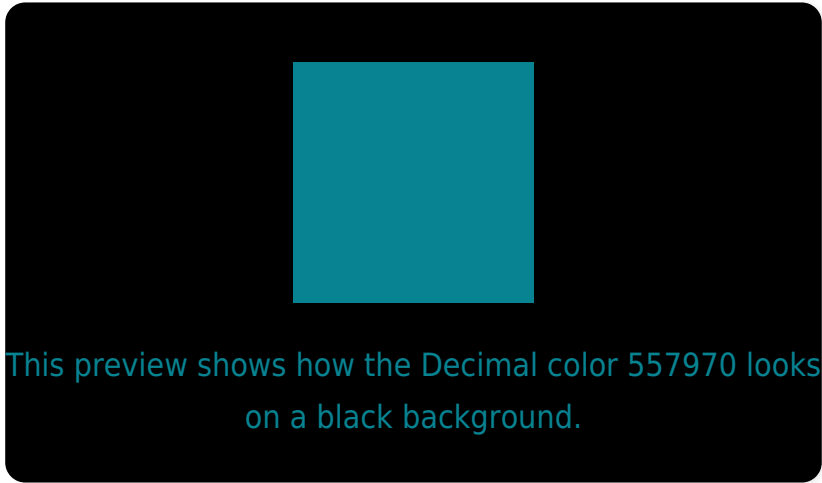
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

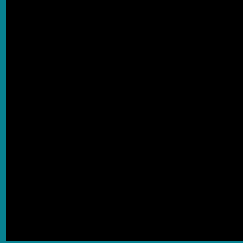
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Decimal 557970 Background



This preview shows how black text looks on a background with the Decimal color 557970.

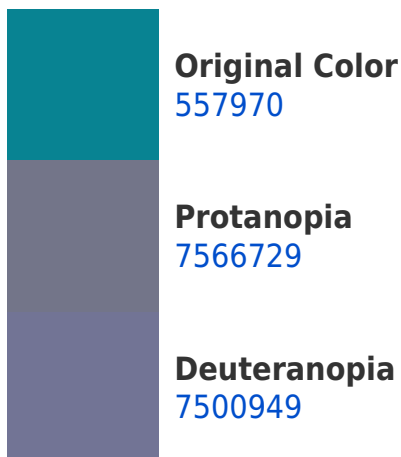


This preview shows how white text looks on a background with the Decimal color 557970.

# 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**  
33678

# Trichromacy



**Original Color**  
557970

**Protanomaly**  
5012108

**Deuteranomaly**  
4946324

**Tritanomaly**  
230287

# Monochromacy



**Original Color**  
557970

**Achromatopsia**  
6316128

**Achromatomaly**  
4222322

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 557970 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 #088392 looks like.

```
.text, #text, p{  
    color:#088392  
}
```

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 #088392 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #088392
}
```

## Border

The CSS property to change the border of an element to Decimal 557970 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
#088392 }
```

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

```
.border{ border-color:#088392 }
```

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

Here you see how a box with a 4 pixel #088392 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #088392; -webkit-box-shadow:4px 4px  
4px 4px #088392; box-shadow:4px 4px 4px  
4px #088392 }
```

# Background

The CSS property to change the background color of an element to Decimal 557970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#088392 }
```

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

```
.background{ background-color:#088392 }
```

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