

# Converting Colors

Decimal(8171970)

Have a look what the booklet for  
Decimal(8171970) contains.

<b>Decimal(8171970)</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(8171970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7CB1C2
RGB	124, 177, 194
RGB Percent	49%, 69%, 76%
CMY	0.5137, 0.3059, 0.2392
CMYK	0.36, 0.09, 0.00, 0.24
HSL	195°, 36%, 62%
HSV	195°, 36%, 76%
XYZ	33.7719, 39.6244, 56.9072
YIQ	163.0910, -37.0450, -5.9490

# Conversions

## Conversions Part 2

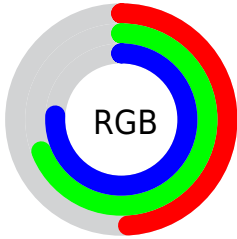
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 154, 194
Decimal	8171970
CIELab	69.20, -13.11, -14.20
CIElCh	69, 19.326, 227.300
Yxy	39.6244, 0.2592, 0.3041
Android (android.graphics.Color)	4286362050 (0xFF7CB1C2)
YUV	163.0910, 15.2381, -34.2828
Hunter-Lab	62.9479, -14.3926, -9.5368

# Details

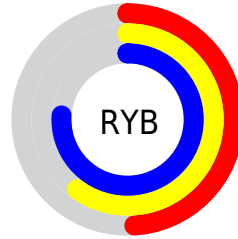
The Decimal color **8171970** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12750204**, and the grayscale version is **10724259**.

A 20% lighter version of the original color is **11790843**, and **4684940** is the 20% darker color. If you saturate the color by 10%, you get **6925506**, and if you desaturate by 10%, it is **9418434**.

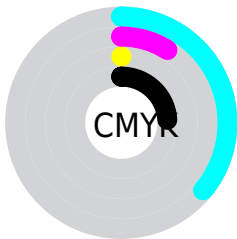
# Distribution



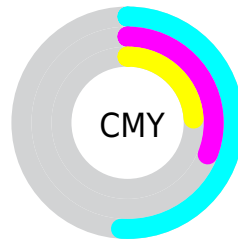
- Red (49%)
- Green (69%)
- Blue (76%)



- Red (49%)
- Yellow (60%)
- Blue (76%)



- Cyan (36%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)



- Cyan (51%)
- Magenta (31%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8171970 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 8171970 by changing the saturation by 10% instead.



■ 8171970

■ 8171970

16777215

■ 6395559

■ 11790843

■ 4684940

■ 13631487

■ 2909043

■ 15532031

■ 871258

■ 13635

■ 7981

■ 281

■ 0

■ 8171970

■ 8171970

6925506

9418434

5613762

10730178

4367298

11976642

3055298

13288642

1808834

14535106

562626

15781314

37826

16765634

16766914

16767938

# Harmonies

## Analogous

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



8041395



8171970



9219531

# Triad

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



8171970



13147569



11316103

# Complementary

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



8171970



12750204

# 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.



12428679



8171970



13540767

# Square

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



8171970



12100033



13279376



10006673

# Rectangle

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



8171970



10136011



13279376



11708806

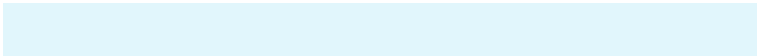


# Sweetspot

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



8171970



14808828



8176268



7306112



0



8421504

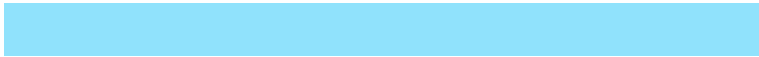


# Same Dimension

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



8171970



9495292



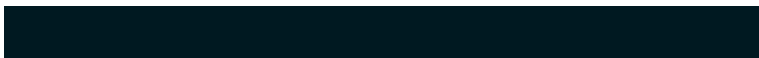
8163266



5726049



31393



6433



# Inverse Universe

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



12745905



16552162



12758908



6379359



10551418

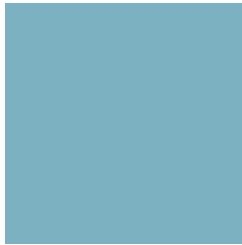


2162713



# Previews

## White Background



This preview shows how the Decimal color 8171970 looks on a white background.

## Color Contrast Check

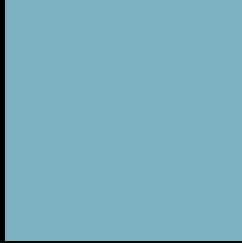
Large Text (above 18pt) WCAG AA × Fail

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 8171970 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 8171970 Background



This preview shows how black text looks on a background with the Decimal color 8171970.



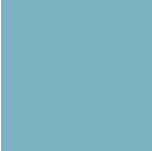
This preview shows how white text looks on a background with the Decimal color 8171970.

# 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**  
8106432

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8171970 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 #7CB1C2 looks like.

```
.text, #text, p{  
    color:#7CB1C2  
}
```

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 #7CB1C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CB1C2
}
```

## Border

The CSS property to change the border of an element to Decimal 8171970 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
#7CB1C2 }
```

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

```
.border{ border-color:#7CB1C2 }
```

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

Here you see how a box with a 4 pixel #7CB1C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CB1C2; -webkit-box-shadow:4px 4px  
4px 4px #7CB1C2; box-shadow:4px 4px 4px  
4px #7CB1C2 }
```

# Background

The CSS property to change the background color of an element to Decimal 8171970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CB1C2 }
```

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

```
.background{ background-color:#7CB1C2 }
```

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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