

# Converting Colors

Decimal(8234170)

Have a look what the booklet for  
Decimal(8234170) contains.

<b>Decimal(8234170)</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(8234170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7DA4BA
RGB	125, 164, 186
RGB Percent	49%, 64%, 73%
CMY	0.5098, 0.3569, 0.2706
CMYK	0.33, 0.12, 0.00, 0.27
HSL	202°, 31%, 61%
HSV	202°, 33%, 73%
XYZ	30.5958, 34.4561, 51.4925
YIQ	154.8470, -30.3060, -1.4260

# Conversions

## Conversions Part 2

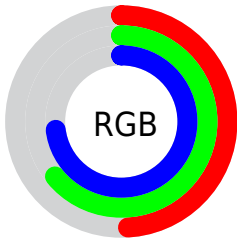
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">125, 149, 186</a>
Decimal	<a href="#">8234170</a>
CIELab	<a href="#">65.32, -7.86, -15.61</a>
CIElCh	<a href="#">65, 17.475, 243.276</a>
Yxy	<a href="#">34.4561, 0.2625, 0.2956</a>
Android (android.graphics.Color)	<a href="#">4286424250 (0xFF7DA4BA)</a>
YUV	<a href="#">154.8470, 15.3584, -26.1758</a>
Hunter-Lab	<a href="#">58.6993, -9.6842, -10.9212</a>

# Details

The Decimal color **8234170** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12227453**, and the grayscale version is **10197915**.

A 20% lighter version of the original color is **11787250**, and **4812933** is the 20% darker color. If you saturate the color by 10%, you get **6987194**, and if you desaturate by 10%, it is **9481146**.

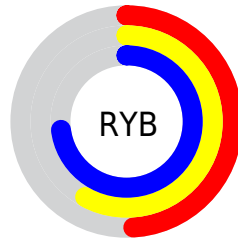
# Distribution



Red (49%)

Green (64%)

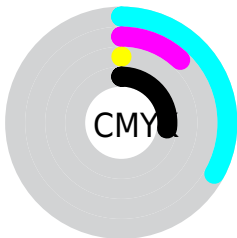
Blue (73%)



Red (49%)

Yellow (58%)

Blue (73%)

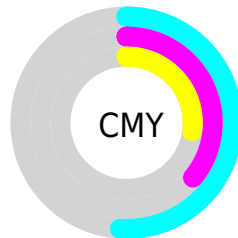


Cyan (33%)

Magenta (12%)

Yellow (0%)

Black (27%)



Cyan (51%)

Magenta (36%)

Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8234170 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 8234170 by changing the saturation by 10% instead.



■ 8234170

■ 8234170

16777215

■ 6523551

■ 11787250

■ 4812933

■ 13629439

■ 3168364

■ 15532031

■ 1392979

■ 11068

■ 5926

■ 273

■ 0

■ 8234170

■ 8234170

■ 6987194

■ 9481146

■ 5806010

■ 10662330

■ 4559034

■ 11909306

■ 3377594

■ 13090746

■ 2130618

■ 14337722

■ 883898

■ 15584442

■ 30650

■ 16765882

■ 16767674

■ 16769210

# Harmonies

## Analogous

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



7645103



8234170



9412541

# Triad

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



8234170



12489885



10003332

# Complementary

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



8234170



12227453

# 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.



11116159



8234170



12555662

# Square

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



8234170



11900589



12032387



8824464

# Rectangle

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



8234170



10329275



12032387



10396034



# Sweetspot

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



8234170



14346994



8239762



7107962



16448250



8026746



# Same Dimension

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



8234170



9752818



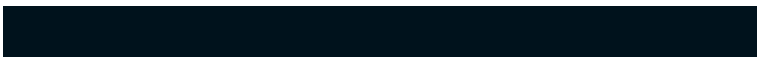
8226490



5462108



25500



4636



# Inverse Universe

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



12221860



15897808



12235133



6050648



10223715



1835026



# Previews

## White Background



This preview shows how the Decimal color 8234170 looks on a white background.

## Color Contrast Check

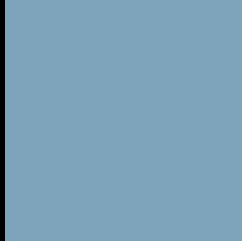
Large Text (above 18pt) WCAG AA × Fail

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 8234170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

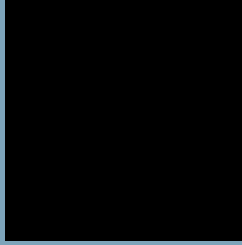
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

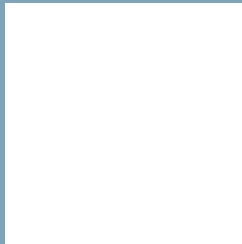
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8234170 Background



This preview shows how black text looks on a background with the Decimal color 8234170.




This preview shows how white text looks on a background with the Decimal color 8234170.

# 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**  
8103346

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8234170 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 #7DA4BA looks like.

```
.text, #text, p{  
    color:#7DA4BA  
}
```

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 #7DA4BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7DA4BA
}
```

## Border

The CSS property to change the border of an element to Decimal 8234170 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
#7DA4BA }
```

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

```
.border{ border-color:#7DA4BA }
```

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

Here you see how a box with a 4 pixel #7DA4BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7DA4BA; -webkit-box-shadow:4px 4px  
4px 4px #7DA4BA; box-shadow:4px 4px 4px  
4px #7DA4BA }
```

# Background

The CSS property to change the background color of an element to Decimal 8234170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7DA4BA }
```

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

```
.background{ background-color:#7DA4BA }
```

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