

# Converting Colors

Decimal(8431551)

Have a look what the booklet for  
Decimal(8431551) contains.

<b>Decimal(8431551)</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(8431551)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80A7BF
RGB	128, 167, 191
RGB Percent	50%, 65%, 75%
CMY	0.4980, 0.3451, 0.2510
CMYK	0.33, 0.13, 0.00, 0.25
HSL	203°, 33%, 63%
HSV	203°, 33%, 75%
XYZ	32.1248, 35.9882, 54.5435
YIQ	158.0750, -30.9480, -0.8040

# Conversions

## Conversions Part 2

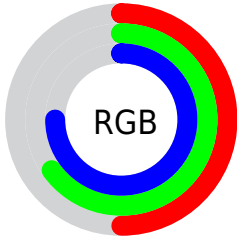
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 152, 191
Decimal	8431551
CIE <sub>Lab</sub>	66.51, -7.36, -16.58
CIE <sub>LCh</sub>	67, 18.141, 246.052
Yxy	35.9882, 0.2619, 0.2934
Android (android.graphics.Color)	4286621631 (0xFF80A7BF)
YUV	158.0750, 16.2320, -26.3758
Hunter-Lab	59.9902, -9.3960, -11.9137

# Details

The Decimal color **8431551** is a light color, and the websafe version is hex **669999**. A complement of this color would be **12556416**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **11984631**, and **5010314** is the 20% darker color. If you saturate the color by 10%, you get **7184575**, and if you desaturate by 10%, it is **9678527**.

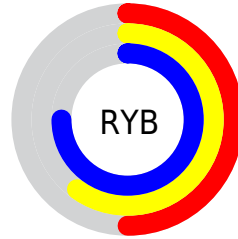
# Distribution



Red (50%)

Green (65%)

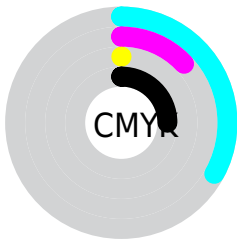
Blue (75%)



Red (50%)

Yellow (60%)

Blue (75%)

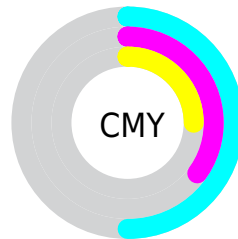


Cyan (33%)

Magenta (13%)

Yellow (0%)

Black (25%)



Cyan (50%)

Magenta (35%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8431551 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 8431551 by changing the saturation by 10% instead.





8431551



8431551

16777215



6720932



11984631



5010314



13892607



3365744



15728639



1590104



11584



6442



278



0



8431551



8431551

7184575

9678527

5937343

10925759

4690367

12172735

3443391

13419711

2196415

14732223

883647

15979455

30399

16767679

16769471

16771263

# Harmonies

## Analogous

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



7776948



8431551



9675458

# Triad

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



8431551



12818079



10069895

# Complementary

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



8431551



12556416

# 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.



11248257



8431551



12818575

# Square

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



8431551



12228783



12229764



8891028

# Rectangle

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



8431551



10657471



12229764



10462596



# Sweetspot

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



8431551



14675703



8437655



7239549



16579836



8224125



# Same Dimension

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



8431551



9753335



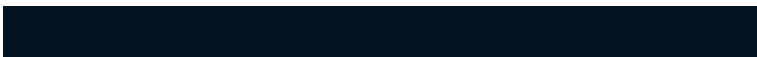
8423615



5593950



25246



4895



# Inverse Universe

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



12550311



16225490



12564352



6182235



10354786



2031635



# Previews

## White Background



This preview shows how the Decimal color 8431551 looks on a white background.

## Color Contrast Check

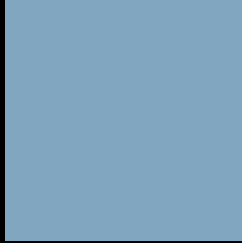
Large Text (above 18pt) WCAG AA × Fail

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 8431551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

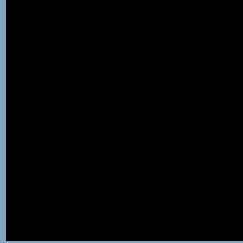
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

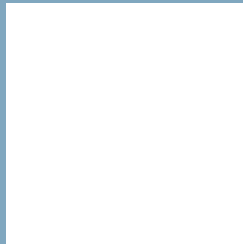
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8431551 Background



This preview shows how black text looks on a background with the Decimal color 8431551.




This preview shows how white text looks on a background with the Decimal color 8431551.

# 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



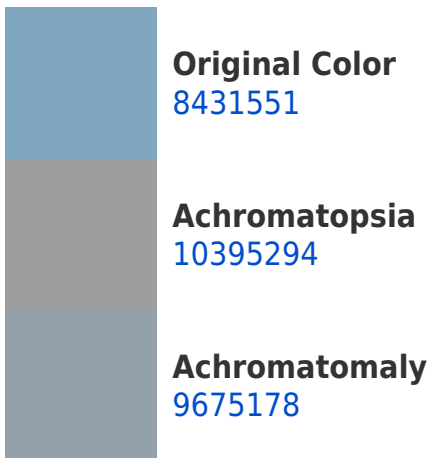


**Tritanopia**  
8300982

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8431551 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 #80A7BF looks like.

```
.text, #text, p{  
    color:#80A7BF  
}
```

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 #80A7BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80A7BF
}
```

## Border

The CSS property to change the border of an element to Decimal 8431551 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
#80A7BF }
```

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

```
.border{ border-color:#80A7BF }
```

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

Here you see how a box with a 4 pixel #80A7BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80A7BF; -webkit-box-shadow:4px 4px  
4px 4px #80A7BF; box-shadow:4px 4px 4px  
4px #80A7BF }
```

# Background

The CSS property to change the background color of an element to Decimal 8431551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80A7BF }
```

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

```
.background{ background-color:#80A7BF }
```

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