

Converting Colors

Decimal(8501713)

Have a look what the booklet for
Decimal(8501713) contains.

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Color

Decimal(8501713)

Conversions

Conversions Part 1

Format	Color
Hex	81B9D1
RGB	129, 185, 209
RGB Percent	51%, 73%, 82%
CMY	0.4941, 0.2745, 0.1804
CMYK	0.38, 0.11, 0.00, 0.18
HSL	198°, 47%, 66%
HSV	198°, 38%, 82%
XYZ	37.9108, 43.9685, 66.8103
YIQ	170.9920, -41.0800, -4.4080

Conversions

Conversions Part 2

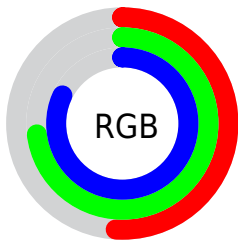
Format	Color
RYB	129, 162, 209
Decimal	8501713
CIELab	72.21, -12.15, -17.87
CIELCh	72, 21.609, 235.786
Yxy	43.9685, 0.2550, 0.2957
Android (android.graphics.Color)	4286691793 (0xFF81B9D1)
YUV	170.9920, 18.7379, -36.8270
Hunter-Lab	66.3087, -13.9861, -13.3223

Details

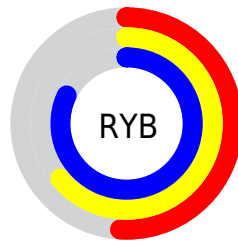
The Decimal color **8501713** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **13736321**, and the grayscale version is **11250603**.

A 20% lighter version of the original color is **12120575**, and **4949147** is the 20% darker color. If you saturate the color by 10%, you get **7123921**, and if you desaturate by 10%, it is **9879505**.

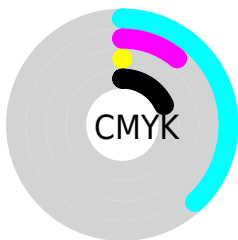
Distribution



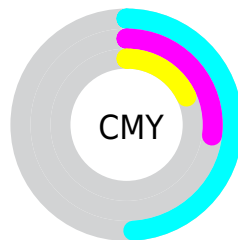
- Red (51%)
- Green (73%)
- Blue (82%)



- Red (51%)
- Yellow (64%)
- Blue (82%)



- Cyan (38%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)



- Cyan (49%)
- Magenta (27%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8501713 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 8501713 by changing the saturation by 10% instead.

8501713

8501713

16777215

6725301

12120575

4949147

14024703

3107713

15925247

938599

15183

9784

4131

11

0

■ 8501713

■ 8501713

■ 7123921

■ 9879505

■ 5745873

■ 11257553

■ 4368081

■ 12635345

■ 2990289

■ 14013137

■ 1612497

■ 15390929

■ 299985

■ 16703441

■ 37585

■ 16770513

■ 16772049

■ 16773585

Harmonies

Analogous

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



8043713



8501713



9876696

Triad

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



8501713



14066613



11449741

Complementary

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



8501713



13736321

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.



12824458



8501713



14328993

Square

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



8501713



13150151



13871249



9943706

Rectangle

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



8501713



11055063



13871249



11907979

Sweetspot

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



8501713



14940159



8507801



7306112



0



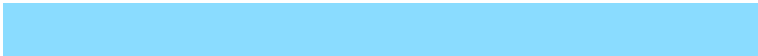
8421504

Same Dimension

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



8501713



9100543



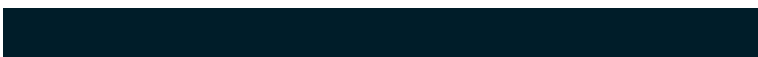
8491473



6186345



30376



7465

Inverse Universe

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



13730233



16747228



13746561



6905445



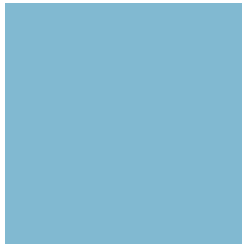
11010166



2687005

Previews

White Background



This preview shows how the Decimal color 8501713 looks on a white background.

Color Contrast Check

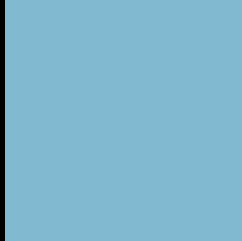
Large Text (above 18pt) WCAG AA × Fail

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 8501713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

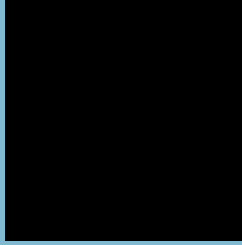
Any Text WCAG AA ✓ Pass

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 8501713 Background



This preview shows how black text looks on a background with the Decimal color 8501713.

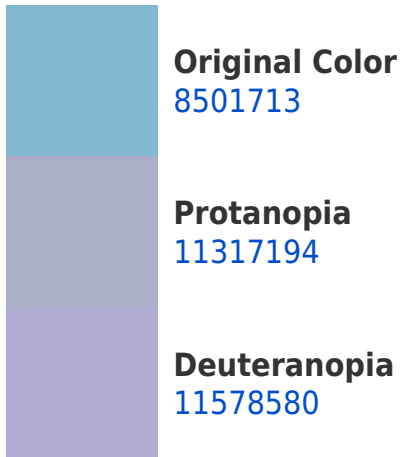


This preview shows how white text looks on a background with the Decimal color 8501713.

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](#).

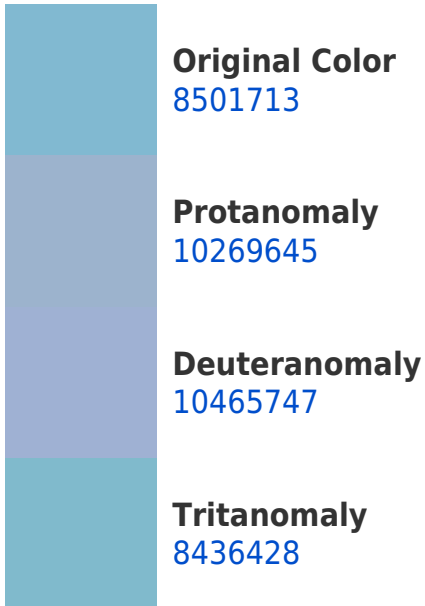
Dichromacy



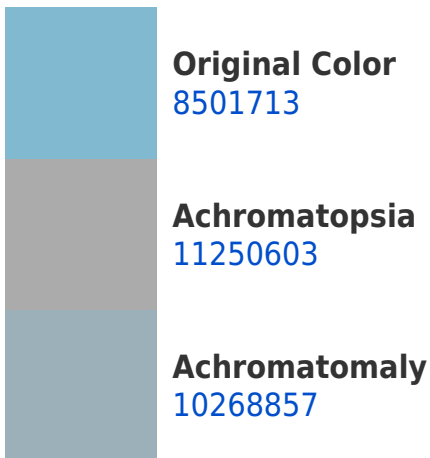


Tritanopia
8370889

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8501713 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 #81B9D1 looks like.

```
.text, #text, p{  
    color:#81B9D1  
}
```

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 #81B9D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B9D1
}
```

Border

The CSS property to change the border of an element to Decimal 8501713 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
#81B9D1 }
```

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

```
.border{ border-color:#81B9D1 }
```

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

Here you see how a box with a 4 pixel #81B9D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B9D1; -webkit-box-shadow:4px 4px  
4px 4px #81B9D1; box-shadow:4px 4px 4px  
4px #81B9D1 }
```

Background

The CSS property to change the background color of an element to Decimal 8501713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B9D1 }
```

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

```
.background{ background-color:#81B9D1 }
```

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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