

Converting Colors

Decimal(8510180)

Have a look what the booklet for
Decimal(8510180) contains.

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Color

Decimal(8510180)

Conversions

Conversions Part 1

Format	Color
Hex	81DAE4
RGB	129, 218, 228
RGB Percent	51%, 85%, 89%
CMY	0.4941, 0.1451, 0.1059
CMYK	0.43, 0.04, 0.00, 0.11
HSL	186°, 65%, 70%
HSV	186°, 43%, 89%
XYZ	48.1283, 60.4114, 82.5227
YIQ	192.5290, -56.2540, -15.7580

Conversions

Conversions Part 2

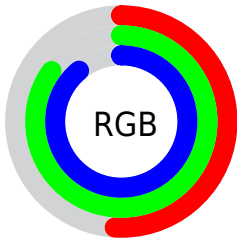
Format	Color
R _{YB}	129, 176, 228
Decimal	8510180
CIE _{Lab}	82.06, -24.15, -13.28
CIE _{LCh}	82, 27.560, 208.799
Y _{xy}	60.4114, 0.2519, 0.3162
Android (android.graphics.Color)	4286700260 (0xFF81DAE4)
YUV	192.5290, 17.4872, -55.7149
Hunter-Lab	77.7248, -25.4886, -8.5427

Details

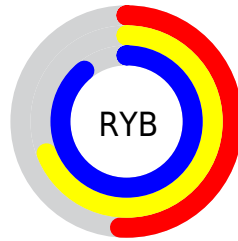
The Decimal color **8510180** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14977921**, and the grayscale version is **12632256**.

A 20% lighter version of the original color is **12320767**, and **4694957** is the 20% darker color. If you saturate the color by 10%, you get **7002340**, and if you desaturate by 10%, it is **10018020**.

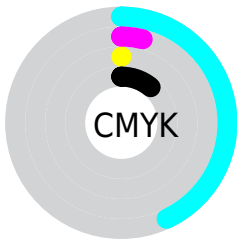
Distribution



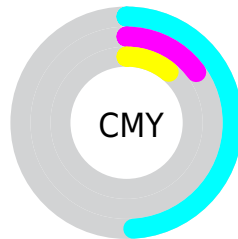
- Red (51%)
- Green (85%)
- Blue (89%)



- Red (51%)
- Yellow (69%)
- Blue (89%)



- Cyan (43%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)

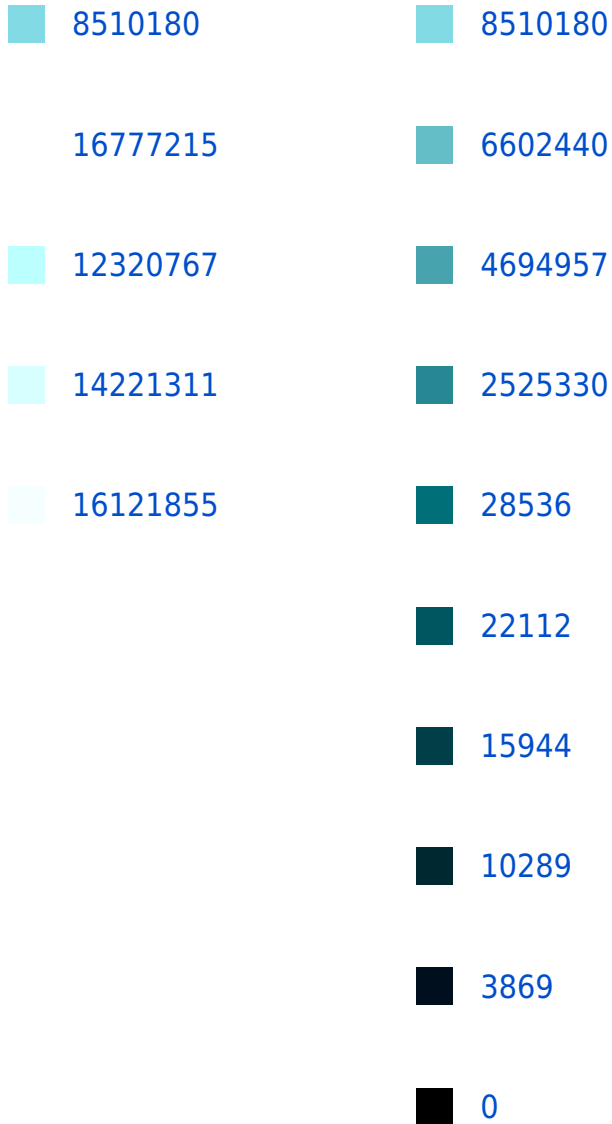


- Cyan (49%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8510180 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 8510180 by changing the saturation by 10% instead.



8510180

8510180

7002340

10018020

5494244

11526116

4051940

12968420

2544100

14476260

1036004

15984356

52708

16771300

16771812

16772324

16773092

Harmonies

Analogous

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



9296842



8510180



9295607

Triad

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



8510180



15580903



14731929

Complementary

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



8510180



14977921

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.



16171425



8510180



16693966

Square

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



8510180



13616889



16759732



12964510

Rectangle

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



8510180



10539518



16759732



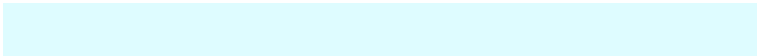
15255450

Sweetspot

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



8510180



14613759



8512651



7044480



0



8421504

Same Dimension

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



8510180



8057599



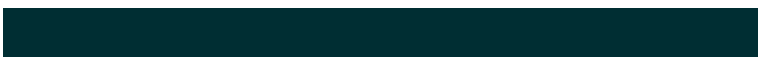
8497636



6779507



41139



11827

Inverse Universe

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



14975450



16743154



14990465



7563122



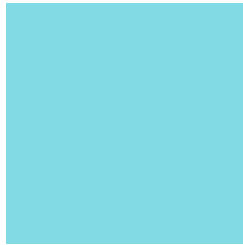
11731104



3342382

Previews

White Background



This preview shows how the Decimal color 8510180 looks on a white background.

Color Contrast Check

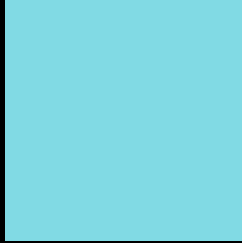
Large Text (above 18pt) WCAG AA × Fail

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 8510180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

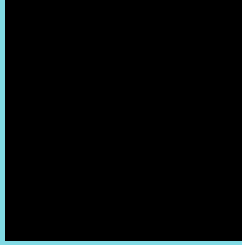
Any Text WCAG AA ✓ Pass

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 8510180 Background



This preview shows how black text looks on a background with the Decimal color 8510180.



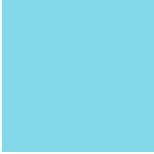
This preview shows how white text looks on a background with the Decimal color 8510180.

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](#).

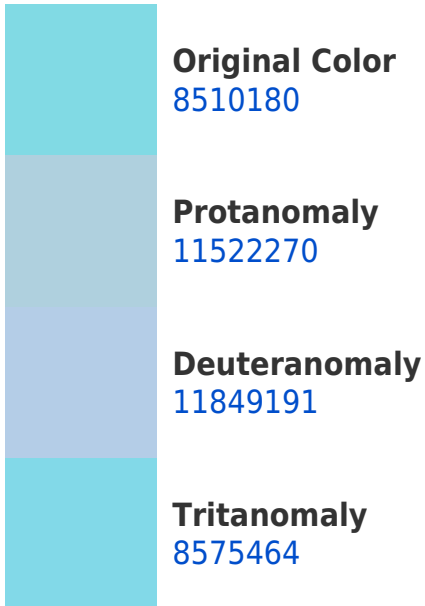
Dichromacy



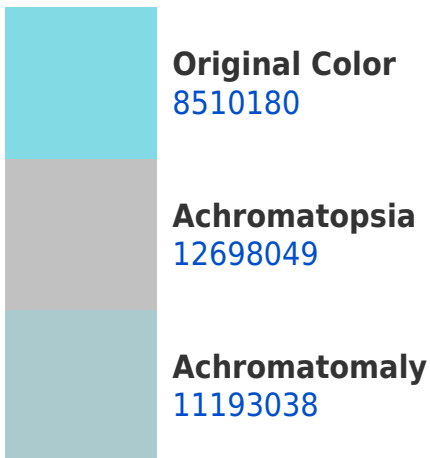


Tritanopia
8641002

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8510180 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 #81DAE4 looks like.

```
.text, #text, p{  
    color:#81DAE4  
}
```

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 #81DAE4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81DAE4  
}
```

Border

The CSS property to change the border of an element to Decimal 8510180 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  
#81DAE4 }
```

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

```
.border{ border-color:#81DAE4 }
```

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

Here you see how a box with a 4 pixel #81DAE4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81DAE4; -webkit-box-shadow:4px 4px  
4px 4px #81DAE4; box-shadow:4px 4px 4px  
4px #81DAE4 }
```

Background

The CSS property to change the background color of an element to Decimal 8510180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81DAE4 }
```

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

```
.background{ background-color:#81DAE4 }
```

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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