

Converting Colors

Decimal(8509611)

Have a look what the booklet for
Decimal(8509611) contains.

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Color

Decimal(8509611)

Conversions

Conversions Part 1

Format	Color
Hex	81D8AB
RGB	129, 216, 171
RGB Percent	51%, 85%, 67%
CMY	0.4941, 0.1529, 0.3294
CMYK	0.40, 0.00, 0.21, 0.15
HSL	149°, 53%, 68%
HSV	149°, 40%, 85%
XYZ	40.9598, 56.7191, 47.3172
YIQ	184.8570, -37.4070, -32.4390

Conversions

Conversions Part 2

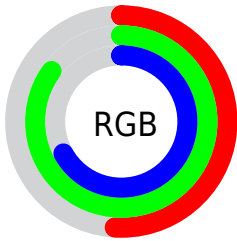
Format	Color
RYB	129, 188, 216
Decimal	8509611
CIELab	80.02, -36.22, 14.06
CIElCh	80, 38.852, 158.777
Yxy	56.7191, 0.2825, 0.3912
Android (android.graphics.Color)	4286699691 (0xFF81D8AB)
YUV	184.8570, -6.8315, -48.9866
Hunter-Lab	75.3121, -34.7158, 15.4677

Details

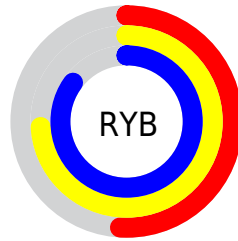
The Decimal color **8509611** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **14188974**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **12189666**, and **4890999** is the 20% darker color. If you saturate the color by 10%, you get **7067808**, and if you desaturate by 10%, it is **9951414**.

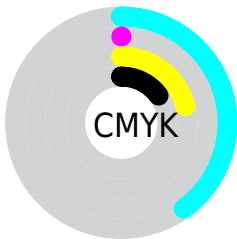
Distribution



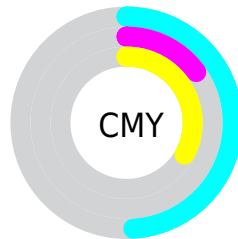
- Red (51%)
- Green (85%)
- Blue (67%)



- Red (51%)
- Yellow (74%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8509611 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 8509611 by changing the saturation by 10% instead.



8509611



8509611

16777215



6732944



12189666



4890999



14090239



2983518



15990783



420934



21296



15130



9729



0



8509611



8509611

 7067808

 9951414

 5691541

 11327681

 4249737

 12769485

 2873470

 14145752

 1431667

 15587555

 55400

 16767214

 16767225

 16767231

Harmonies

Analogous

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



11391629



8509611



5626576

Triad

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



8509611



10864383



16756891

Complementary

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



8509611



14188974

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.



16755645



8509611



14268927

Square

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



8509611



7000575



16625377



16104323

Rectangle

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



8509611



4381160



16625377



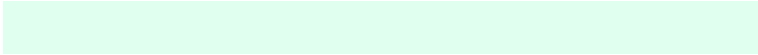
16756133

Sweetspot

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



8509611



14745583



11524225



7241846



0



8421504

Same Dimension

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



8509611



8781760



8509653



6318950



43858



11029

Inverse Universe

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



14188974



16745924



14188932



7037030



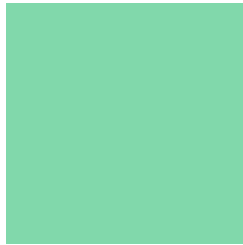
11206744



2818070

Previews

White Background



This preview shows how the Decimal color 8509611 looks on a white background.

Color Contrast Check

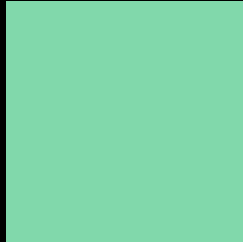
Large Text (above 18pt) WCAG AA × Fail

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 8509611 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

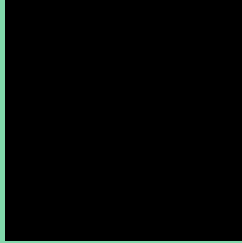
Any Text WCAG AA ✓ Pass

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 8509611 Background



This preview shows how black text looks on a background with the Decimal color 8509611.



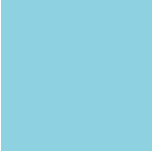
This preview shows how white text looks on a background with the Decimal color 8509611.

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
9359841

Trichromacy



Original Color
8509611



Protanomaly
11848869



Deuteranomaly
12437422

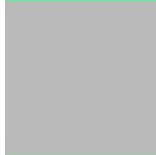


Tritanomaly
9032909

Monochromacy



Original Color
8509611



Achromatopsia
12171705



Achromatomaly
10863796

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8509611 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 #81D8AB looks like.

```
.text, #text, p{  
    color:#81D8AB  
}
```

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 #81D8AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D8AB
}
```

Border

The CSS property to change the border of an element to Decimal 8509611 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
#81D8AB }
```

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

```
.border{ border-color:#81D8AB }
```

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

Here you see how a box with a 4 pixel #81D8AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D8AB; -webkit-box-shadow:4px 4px  
4px 4px #81D8AB; box-shadow:4px 4px 4px  
4px #81D8AB }
```

Background

The CSS property to change the background color of an element to Decimal 8509611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D8AB }
```

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

```
.background{ background-color:#81D8AB }
```

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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