

Converting Colors

Decimal(8509396)

Have a look what the booklet for
Decimal(8509396) contains.

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Color

Decimal(8509396)

Conversions

Conversions Part 1

Format	Color
Hex	81D7D4
RGB	129, 215, 212
RGB Percent	51%, 84%, 83%
CMY	0.4941, 0.1569, 0.1686
CMYK	0.40, 0.00, 0.01, 0.16
HSL	178°, 52%, 67%
HSV	178°, 40%, 84%
XYZ	45.2374, 58.0215, 71.1024
YIQ	188.9440, -50.2930, -19.1650

Conversions

Conversions Part 2

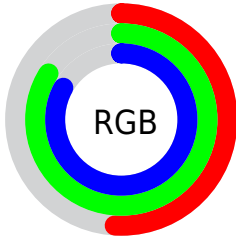
Format	Color
R_{YB}	129, 173, 215
Decimal	8509396
CIE _{Lab}	80.75, -26.65, -6.70
CIE _{LCh}	81, 27.477, 194.121
Yxy	58.0215, 0.2594, 0.3328
Android (android.graphics.Color)	4286699476 (0xFF81D7D4)
YUV	188.9440, 11.3666, -52.5709
Hunter-Lab	76.1718, -27.2921, -2.0238

Details

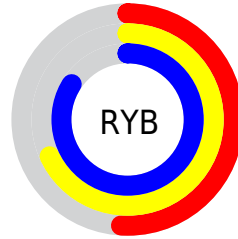
The Decimal color **8509396** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **14123396**, and the grayscale version is **12434877**.

A 20% lighter version of the original color is **12255231**, and **4825245** is the 20% darker color. If you saturate the color by 10%, you get **7133139**, and if you desaturate by 10%, it is **9951189**.

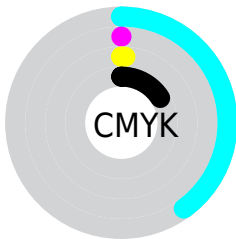
Distribution



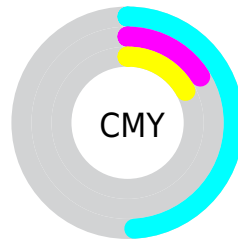
- Red (51%)
- Green (84%)
- Blue (83%)



- Red (51%)
- Yellow (68%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (49%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8509396 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 8509396 by changing the saturation by 10% instead.

8509396

8509396

16777215

6667192

12255231

4825245

14155775

2786947

16056319

27754

21330

15419

9766

1553

0

 8509396

 8509396

 7133139

 9951189

 5691347

 11327446

 4315090

 12769238

 2873297

 14145495

 1431504

 15587288

 55248

 16766937

 16766938

 16766939

Harmonies

Analogous

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



9819834



8509396



8443371

Triad

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



8509396



14466797



15254168

Complementary

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



8509396



14123396

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.



16300710



8509396



15972311

Square

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



8509396



12240890



16627389



13618070

Rectangle

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



8509396



9359862



16627389



15712155

Sweetspot

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



8509396



14745598



8771457



7241855



0



8421504

Same Dimension

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



8509396



8781819



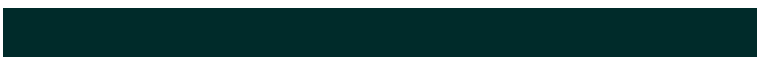
8499415



6318955



43941



11050

Inverse Universe

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



14123396



16745865



14133377



7037025



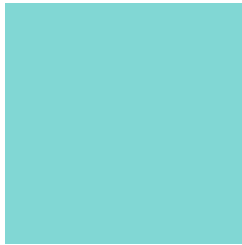
11206662



2818050

Previews

White Background



This preview shows how the Decimal color 8509396 looks on a white background.

Color Contrast Check

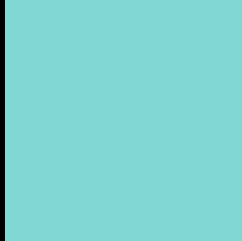
Large Text (above 18pt) WCAG AA × Fail

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 8509396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

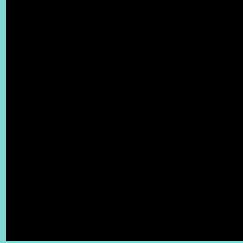
Any Text WCAG AA ✓ Pass

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 8509396 Background



This preview shows how black text looks on a background with the Decimal color 8509396.



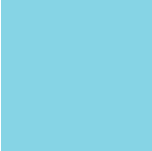
This preview shows how white text looks on a background with the Decimal color 8509396.

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
8836325

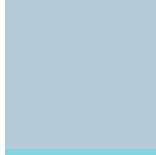
Trichromacy



Original Color
8509396



Protanomaly
11521230



Deuteranomaly
11913943

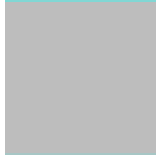


Tritanomaly
8705503

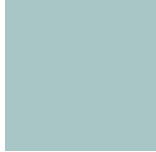
Monochromacy



Original Color
8509396



Achromatopsia
12434877



Achromatomaly
10995397

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8509396 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 #81D7D4 looks like.

```
.text, #text, p{  
    color:#81D7D4  
}
```

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 #81D7D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81D7D4
}
```

Border

The CSS property to change the border of an element to Decimal 8509396 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
#81D7D4 }
```

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

```
.border{ border-color:#81D7D4 }
```

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

Here you see how a box with a 4 pixel #81D7D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81D7D4; -webkit-box-shadow:4px 4px  
4px 4px #81D7D4; box-shadow:4px 4px 4px  
4px #81D7D4 }
```

Background

The CSS property to change the background color of an element to Decimal 8509396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81D7D4 }
```

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

```
.background{ background-color:#81D7D4 }
```

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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