

Converting Colors

Decimal(8504002)

Have a look what the booklet for
Decimal(8504002) contains.

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Color

Decimal(8504002)

Conversions

Conversions Part 1

Format	Color
Hex	81C2C2
RGB	129, 194, 194
RGB Percent	51%, 76%, 76%
CMY	0.4941, 0.2392, 0.2392
CMYK	0.34, 0.00, 0.00, 0.24
HSL	180°, 35%, 63%
HSV	180°, 34%, 76%
XYZ	38.0827, 47.1457, 58.1318
YIQ	174.5650, -38.7400, -13.7800

Conversions

Conversions Part 2

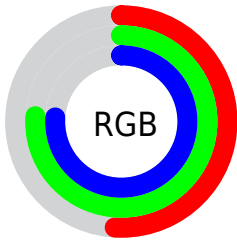
Format	Color
RYB	129, 162, 194
Decimal	8504002
CIELab	74.28, -20.54, -6.59
CIELCh	74, 21.572, 197.784
Yxy	47.1457, 0.2656, 0.3289
Android (android.graphics.Color)	4286694082 (0xFF81C2C2)
YUV	174.5650, 9.5815, -39.9605
Hunter-Lab	68.6628, -21.1578, -2.1326

Details

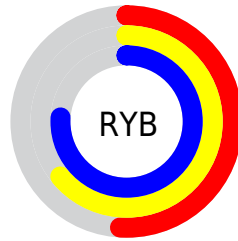
The Decimal color **8504002** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **12747137**, and the grayscale version is **11513775**.

A 20% lighter version of the original color is **12123130**, and **5016716** is the 20% darker color. If you saturate the color by 10%, you get **7258818**, and if you desaturate by 10%, it is **9749186**.

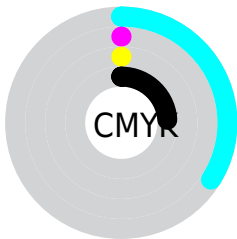
Distribution



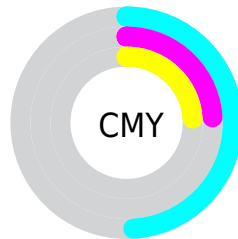
- Red (51%)
- Green (76%)
- Blue (76%)



- Red (51%)
- Yellow (64%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (0%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8504002 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 8504002 by changing the saturation by 10% instead.

8504002

8504002

16777215

6727591

12123130

5016716

14024703

3240819

15925247

1137242

16963

11309

6168

0

8504002

8504002

7258818

9749186

5948098

11059906

4702914

12305090

3392194

13615810

2147010

14860994

901826

16106178

49858

16761538

Harmonies

Analogous

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



9355950



8504002



8634579

Triad

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



8504002



13151953



13480848

Complementary

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



8504002



12747137

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.



14396826



8504002



14264768

Square

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



8504002



11515100



14723499



12171665

Rectangle

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



8504002



9354715



14723499



13873299

Sweetspot

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



8504002



14941436



8503937



7372928



0



8421504

Same Dimension

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



8504002



9960700



8495810



5726561



41377



8481

Inverse Universe

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



12747202



16553980



12755585



6379361



10551457



2162721

Previews

White Background



This preview shows how the Decimal color 8504002 looks on a white background.

Color Contrast Check

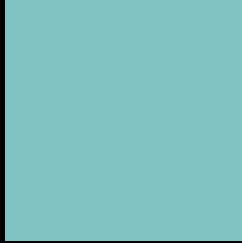
Large Text (above 18pt) WCAG AA × Fail

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 8504002 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 8504002 Background



This preview shows how black text looks on a background with the Decimal color 8504002.

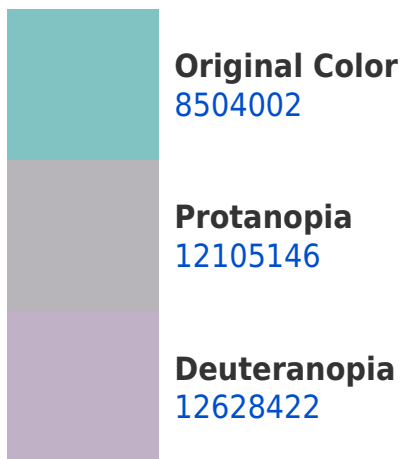


This preview shows how white text looks on a background with the Decimal color 8504002.

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](#).

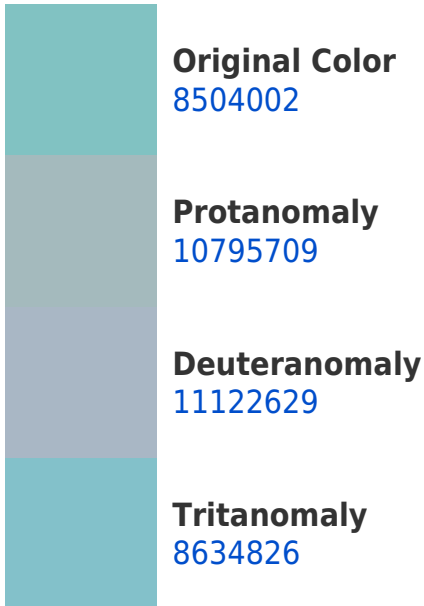
Dichromacy





Tritanopia
8700111

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 8504002 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 #81C2C2 looks like.

```
.text, #text, p{  
    color:#81C2C2  
}
```

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 #81C2C2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C2C2
}
```

Border

The CSS property to change the border of an element to Decimal 8504002 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
#81C2C2 }
```

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

```
.border{ border-color:#81C2C2 }
```

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

Here you see how a box with a 4 pixel #81C2C2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C2C2; -webkit-box-shadow:4px 4px  
4px 4px #81C2C2; box-shadow:4px 4px 4px  
4px #81C2C2 }
```

Background

The CSS property to change the background color of an element to Decimal 8504002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C2C2 }
```

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

```
.background{ background-color:#81C2C2 }
```

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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