

# Converting Colors

Decimal(8180142)

Have a look what the booklet for  
Decimal(8180142) contains.

|  |    |
|--|----|
| <b>Decimal(8180142)</b> .....                  | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Decimal(8180142)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7CD1AE                       |
| RGB         | 124, 209, 174                |
| RGB Percent | 49%, 82%, 68%                |
| CMY         | 0.5137, 0.1804, 0.3176       |
| CMYK        | 0.41, 0.00, 0.17, 0.18       |
| HSL         | 155°, 48%, 65%               |
| HSV         | 155°, 41%, 82%               |
| XYZ         | 38.7526, 52.9420, 48.2208    |
| YIQ         | 179.5950, -39.4250, -28.9050 |

# Conversions

## Conversions Part 2

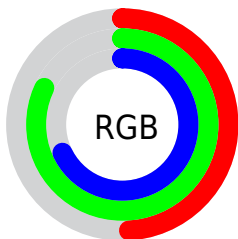
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">124, 178, 209</a>                   |
| Decimal                             | <a href="#">8180142</a>                         |
| CIELab                              | <a href="#">77.84, -33.73, 9.35</a>             |
| CIElCh                              | <a href="#">78, 34.999, 164.511</a>             |
| Yxy                                 | <a href="#">52.9420, 0.2770,<br/>0.3784</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286370222<br/>(0xFF7CD1AE)</a>     |
| YUV                                 | <a href="#">179.5950, -2.7583,<br/>-48.7568</a> |
| Hunter-Lab                          | <a href="#">72.7613, -32.2632,<br/>11.6399</a>  |

# Details

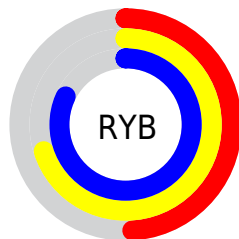
The Decimal color **8180142** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **13728927**, and the grayscale version is **11842740**.

A 20% lighter version of the original color is **11861989**, and **4561530** is the 20% darker color. If you saturate the color by 10%, you get **6803877**, and if you desaturate by 10%, it is **9556407**.

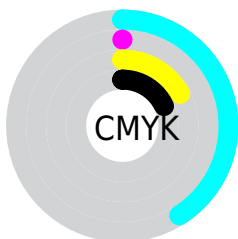
# Distribution



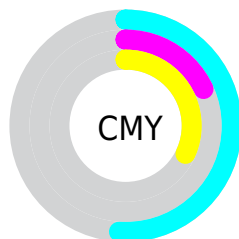
- Red (49%)
- Green (82%)
- Blue (68%)



- Red (49%)
- Yellow (70%)
- Blue (82%)



- Cyan (41%)
- Magenta (0%)
- Yellow (17%)
- Black (18%)



- Cyan (51%)
- Magenta (18%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8180142 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 8180142 by changing the saturation by 10% instead.





8180142



8180142

16777215



6403475



11861989



4561530



13697023



2654305



15663103



26185



20018



13853



8708



0



8180142



8180142

6803877

9556407

5427613

10932671

4051348

12308936

2675084

13685200

1298819

14995929

53627

16372194

16765418

16765427

16765435

# Harmonies

## Analogous

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



10734737



8180142



6017744

# Triad

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



8180142



11386623



16494228

# Complementary

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



8180142



13728927

# 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.



16754866



8180142



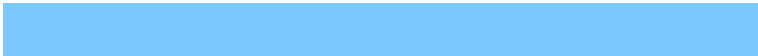
14201839

# Square

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



8180142



8112382



16165587



15120770

# Rectangle

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



8180142



5493220



16165587



16755613

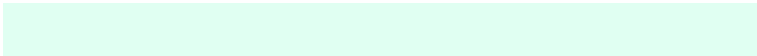


# Sweetspot

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



8180142



14745586



10473852



7241848



0



8421504



# Same Dimension

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



8180142



8585164



8178385



6187364



43107



10520



# Inverse Universe

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



13728927



16745142



13730684



6905442



11010117

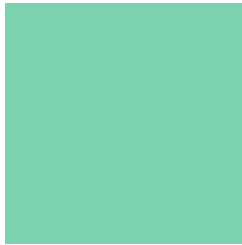


2686993



# Previews

## White Background



This preview shows how the Decimal color 8180142 looks on a white background.

## Color Contrast Check

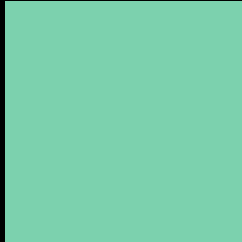
Large Text (above 18pt) WCAG AA × Fail

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 8180142 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

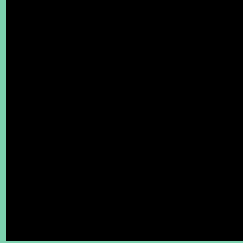
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 8180142 Background



This preview shows how black text looks on a background with the Decimal color 8180142.



This preview shows how white text looks on a background with the Decimal color 8180142.

# 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**  
8899547

# Trichromacy



**Original Color**  
8180142



**Protanomaly**  
11388584



**Deuteranomaly**  
11911857

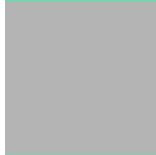


**Tritanomaly**  
8637899

# Monochromacy



**Original Color**  
8180142



**Achromatopsia**  
11842740



**Achromatomaly**  
10534834

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8180142 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 #7CD1AE looks like.

```
.text, #text, p{  
    color:#7CD1AE  
}
```

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 #7CD1AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CD1AE
}
```

## Border

The CSS property to change the border of an element to Decimal 8180142 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
#7CD1AE }
```

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

```
.border{ border-color:#7CD1AE }
```

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

Here you see how a box with a 4 pixel #7CD1AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CD1AE; -webkit-box-shadow:4px 4px  
4px 4px #7CD1AE; box-shadow:4px 4px 4px  
4px #7CD1AE }
```

# Background

The CSS property to change the background color of an element to Decimal 8180142 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CD1AE }
```

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

```
.background{ background-color:#7CD1AE }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor