

# Converting Colors

Decimal(8176277)

Have a look what the booklet for  
Decimal(8176277) contains.

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# **Color**

**Decimal(8176277)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 7CC295                       |
| RGB         | 124, 194, 149                |
| RGB Percent | 49%, 76%, 58%                |
| CMY         | 0.5137, 0.2392, 0.4157       |
| CMYK        | 0.36, 0.00, 0.23, 0.24       |
| HSL         | 141°, 36%, 62%               |
| HSV         | 141°, 36%, 76%               |
| XYZ         | 33.0288, 45.0386, 35.3863    |
| YIQ         | 167.9400, -27.2750, -28.8350 |

# Conversions

## Conversions Part 2

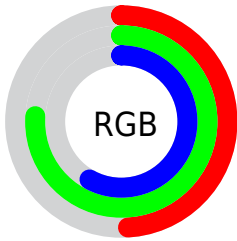
| <b>Format</b>                       | <b>Color</b>                                    |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">124, 176, 194</a>                   |
| Decimal                             | <a href="#">8176277</a>                         |
| CIELab                              | <a href="#">72.92, -31.74, 15.80</a>            |
| CIElCh                              | <a href="#">73, 35.455, 153.537</a>             |
| Yxy                                 | <a href="#">45.0386, 0.2911,<br/>0.3970</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4286366357<br/>(0xFF7CC295)</a>     |
| YUV                                 | <a href="#">167.9400, -9.3374,<br/>-38.5354</a> |
| Hunter-Lab                          | <a href="#">67.1108, -29.5946,<br/>15.7150</a>  |

# Details

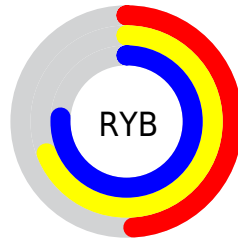
The Decimal color **8176277** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **12745897**, and the grayscale version is **11053224**.

A 20% lighter version of the original color is **11795403**, and **4688994** is the 20% darker color. If you saturate the color by 10%, you get **6931081**, and if you desaturate by 10%, it is **9421473**.

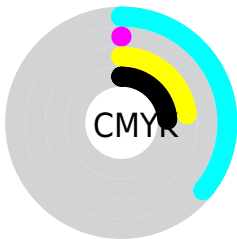
# Distribution



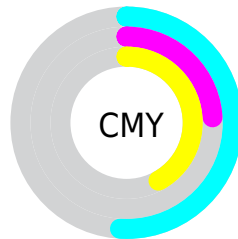
- Red (49%)
- Green (76%)
- Blue (58%)



- Red (49%)
- Yellow (69%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (51%)
- Magenta (24%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 8176277 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 8176277 by changing the saturation by 10% instead.




 8176277

 8176277

16777215

 6465403

 11795403

 4688994

 13631463

 2978378

 15532031

 940339

 16670

 10758

 4608

 0

 8176277

 8176277

 6931081

 9421473

 5620348

 10732206

 4375152

 11977402

 3064419

 13288135

 1819223

 14533331

 574026

 15778528

 49733

 16761580

 16761593

 16761599

# Harmonies

## Analogous

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



10730620



8176277



5621174

# Triad

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



8176277



9221619



15834769

# Complementary

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



8176277



12745897

# 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.



15833776



8176277



12364265

# Square

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



8176277



5881580



14655440



14788474

# Rectangle

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



8176277



4310220



14655440



15965339

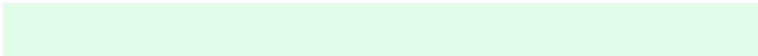


# Sweetspot

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



8176277



14810347



11190908



7307381



0



8421504



# Same Dimension

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



8176277



9501879



8176311



5726555



41273



8460



# Inverse Universe

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



12745897



16552150



12745863



6379357



10551399



2162709



# Previews

## White Background



This preview shows how the Decimal color 8176277 looks on a white background.

## Color Contrast Check

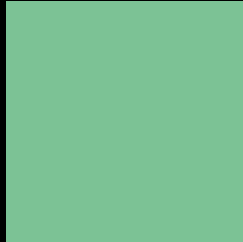
Large Text (above 18pt) WCAG AA × Fail

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 8176277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

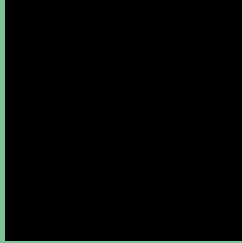
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 8176277 Background



This preview shows how black text looks on a background with the Decimal color 8176277.

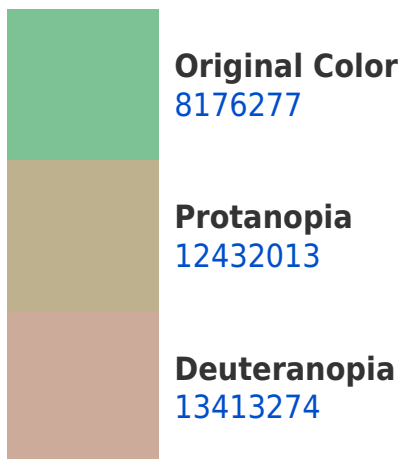


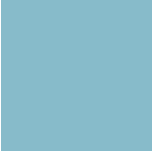
This preview shows how white text looks on a background with the Decimal color 8176277.

# 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





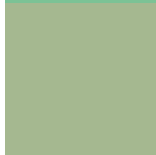
**Tritanopia**  
8895434

# Trichromacy



**Original Color**

8176277



**Protanomaly**

10860688



**Deuteranomaly**

11514776



**Tritanomaly**

8634039

# Monochromacy



**Original Color**

8176277



**Achromatopsia**

11053224



**Achromatomaly**

10006945

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 8176277 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 #7CC295 looks like.

```
.text, #text, p{  
    color:#7CC295  
}
```

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 #7CC295 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7CC295
}
```

## Border

The CSS property to change the border of an element to Decimal 8176277 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
#7CC295 }
```

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

```
.border{ border-color:#7CC295 }
```

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

Here you see how a box with a 4 pixel #7CC295 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7CC295; -webkit-box-shadow:4px 4px  
4px 4px #7CC295; box-shadow:4px 4px 4px  
4px #7CC295 }
```

# Background

The CSS property to change the background color of an element to Decimal 8176277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7CC295 }
```

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

```
.background{ background-color:#7CC295 }
```

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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