

Converting Colors

Decimal(2019253)

Have a look what the booklet for
Decimal(2019253) contains.

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Color

Decimal(2019253)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1ECFB5 |
| RGB | 30, 207, 181 |
| RGB Percent | 12%, 81%, 71% |
| CMY | 0.8824, 0.1882, 0.2902 |
| CMYK | 0.86, 0.00, 0.13, 0.19 |
| HSL | 171°, 75%, 46% |
| HSV | 171°, 86%, 81% |
| XYZ | 31.1887, 48.2379, 51.3831 |
| YIQ | 151.1130, -97.1460, -45.6100 |

Conversions

Conversions Part 2

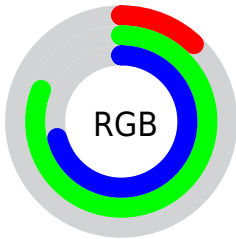
| Format | Color |
|-------------------------------------|--|
| RYB | 30, 126, 207 |
| Decimal | 2019253 |
| CIELab | 74.97, -47.26, 1.14 |
| CIElCh | 75, 47.275, 178.615 |
| Yxy | 48.2379, 0.2384, 0.3688 |
| Android (android.graphics.Color) | 4280209333 (0xFF1ECFB5) |
| YUV | 151.1130, 14.7343, -106.2161 |
| Hunter-Lab | 69.4535, -41.3865, 4.7535 |

Details

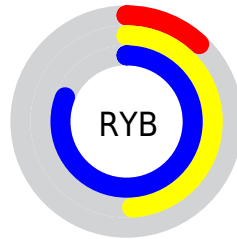
The Decimal color **2019253** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **13573688**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **7405549**, and **39040** is the 20% darker color. If you saturate the color by 10%, you get **642994**, and if you desaturate by 10%, it is **3395512**.

Distribution



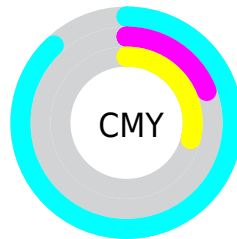
- Red (12%)
- Green (81%)
- Blue (71%)



- Red (12%)
- Yellow (49%)
- Blue (81%)



- Cyan (86%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (88%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2019253 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 2019253 by changing the saturation by 10% instead.

 2019253

 2019253

16777215

 45978

 7405549

 39040

 9502719

 32103

 11534335

 25423

 13565951

 19000

 15597567

 12835

 6670

 0

 2019253

 2019253

■ 642994

■ 3395512

■ 53169

■ 4706235

■ 6082494

■ 7458753

■ 8835012

■ 10145735

■ 11521994

■ 12898253

■ 14208976

Harmonies

Analogous

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



7654282



2019253



52961

Triad

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



2019253



12168959



16295535

Complementary

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



2019253



13573688

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.



16750993



2019253



15572711

Square

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



2019253



7192319



16750012



14005600

Rectangle

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



2019253



52217



16750012



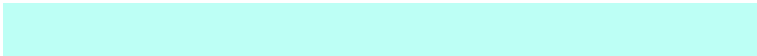
16753017

Sweetspot

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



2019253



12451829



3788574



5800058



0



8421504

Same Dimension

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



2019253



65498



2003407



6187367



43152



10531

Inverse Universe

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



13573688



16711717



13589534



6905440



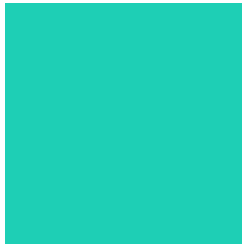
11010073



2686982

Previews

White Background



This preview shows how the Decimal color 2019253 looks on a white background.

Color Contrast Check

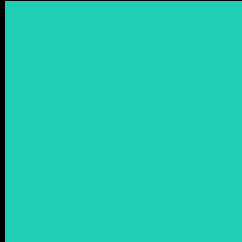
Large Text (above 18pt) WCAG AA × Fail

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 2019253 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

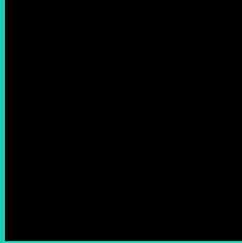
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

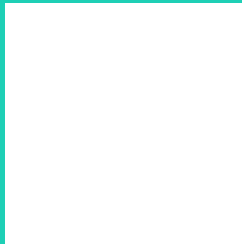
Any Text WCAG AAA ✓ Pass

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

Decimal 2019253 Background



This preview shows how black text looks on a background with the Decimal color 2019253.




This preview shows how white text looks on a background with the Decimal color 2019253.

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](#).

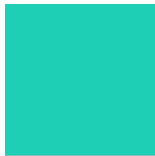
Dichromacy



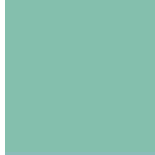


Tritanopia
4115162

Trichromacy



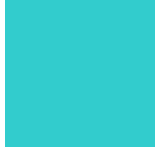
Original Color
2019253



Protanomaly
8699821



Deuteranomaly
9092281



Tritanomaly
3329229

Monochromacy



Original Color
2019253



Achromatopsia
9934743



Achromatomaly
7056290

CSS Examples

Text

The CSS property to change the color of the text to Decimal 2019253 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 #1ECFB5 looks like.

```
.text, #text, p{  
    color:#1ECFB5  
}
```

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 #1ECFB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ECFB5
}
```

Border

The CSS property to change the border of an element to Decimal 2019253 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
#1ECFB5 }
```

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

```
.border{ border-color:#1ECFB5 }
```

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

Here you see how a box with a 4 pixel #1ECFB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ECFB5; -webkit-box-shadow:4px 4px  
4px 4px #1ECFB5; box-shadow:4px 4px 4px  
4px #1ECFB5 }
```

Background

The CSS property to change the background color of an element to Decimal 2019253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ECFB5 }
```

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

```
.background{ background-color:#1ECFB5 }
```

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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