

Converting Colors

Decimal(5953710)

Have a look what the booklet for
Decimal(5953710) contains.

Decimal(5953710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(5953710)

Conversions

Conversions Part 1

Format	Color
Hex	5AD8AE
RGB	90, 216, 174
RGB Percent	35%, 85%, 68%
CMY	0.6471, 0.1529, 0.3176
CMYK	0.58, 0.00, 0.19, 0.15
HSL	160°, 62%, 60%
HSV	160°, 58%, 85%
XYZ	36.4123, 54.3414, 48.6142
YIQ	173.5380, -61.6140, -39.7740

Conversions

Conversions Part 2

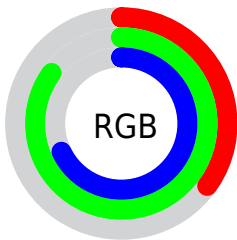
Format	Color
RYB	90, 166, 216
Decimal	5953710
CIELab	78.66, -44.88, 10.35
CIELCh	79, 46.057, 167.018
Yxy	54.3414, 0.2613, 0.3899
Android (android.graphics.Color)	4284143790 (0xFF5AD8AE)
YUV	173.5380, 0.2278, -73.2628
Hunter-Lab	73.7166, -40.8340, 12.5014

Details

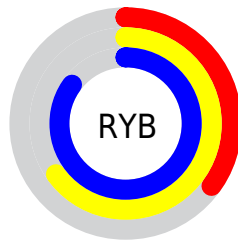
The Decimal color **5953710** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **14178948**, and the grayscale version is **11447982**.

A 20% lighter version of the original color is **9895909**, and **237690** is the 20% darker color. If you saturate the color by 10%, you get **4511911**, and if you desaturate by 10%, it is **7395509**.

Distribution



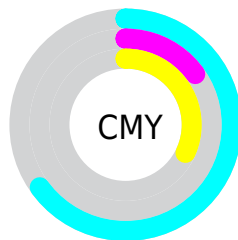
- Red (35%)
- Green (85%)
- Blue (68%)



- Red (35%)
- Yellow (65%)
- Blue (85%)



- Cyan (58%)
- Magenta (0%)
- Yellow (19%)
- Black (15%)



- Cyan (65%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5953710 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 5953710 by changing the saturation by 10% instead.

 5953710

 5953710

16777215

 3783827

 9895909

 237690

 11862015

 34401

 13762559

 27465

 15728639

 21042

 14877

 9477

 0

 5953710

 5953710

■ 4511911

■ 7395509

■ 3135648

■ 8771772

■ 1693848

■ 10213572

■ 317585

■ 11589835

■ 55440

■ 13031634

■ 14473433

■ 15849696

■ 16767208

■ 16767215

Harmonies

Analogous

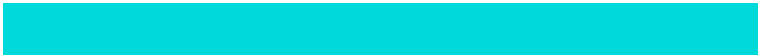
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9818759



5953710



55770

Triad

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



5953710



1125551



1675590

Complementary

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



5953710



14178948

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.



16753068



5953710



15118333

Square

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



5953710



5950719



16753623



15645295

Rectangle

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



5953710



55285



16753623



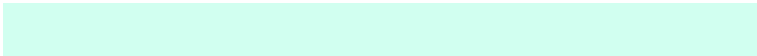
16754577

Sweetspot

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



5953710



13762544



8706138



6520950



0



8421504

Same Dimension

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



5953710



5111748



5948376



6318952



43890



11037

Inverse Universe

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



14178948



16731528



14184282



7037028



11206713



2818062

Previews

White Background



This preview shows how the Decimal color 5953710 looks on a white background.

Color Contrast Check

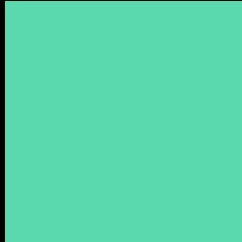
Large Text (above 18pt) WCAG AA × Fail

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 5953710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

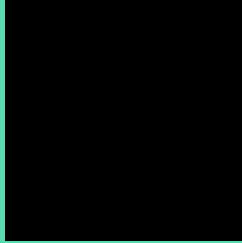
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

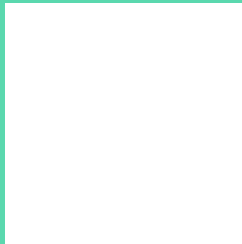
Any Text WCAG AAA ✓ Pass

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

Decimal 5953710 Background



This preview shows how black text looks on a background with the Decimal color 5953710.

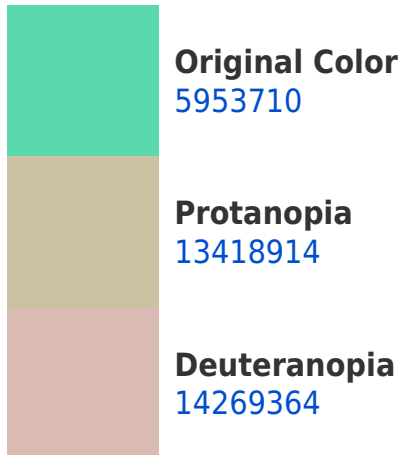


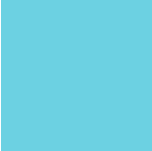
This preview shows how white text looks on a background with the Decimal color 5953710.

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](#).

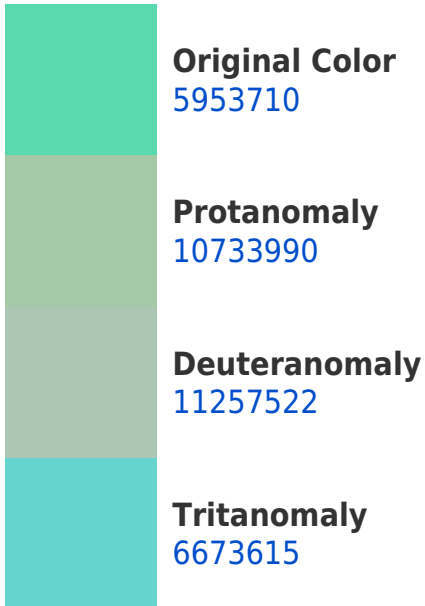
Dichromacy





Tritanopia
7131618

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5953710 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 #5AD8AE looks like.

```
.text, #text, p{  
    color:#5AD8AE  
}
```

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 #5AD8AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD8AE
}
```

Border

The CSS property to change the border of an element to Decimal 5953710 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
#5AD8AE }
```

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

```
.border{ border-color:#5AD8AE }
```

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

Here you see how a box with a 4 pixel #5AD8AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD8AE; -webkit-box-shadow:4px 4px  
4px 4px #5AD8AE; box-shadow:4px 4px 4px  
4px #5AD8AE }
```

Background

The CSS property to change the background color of an element to Decimal 5953710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD8AE }
```

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

```
.background{ background-color:#5AD8AE }
```

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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