

Converting Colors

Decimal(5956055)

Have a look what the booklet for
Decimal(5956055) contains.

Decimal(5956055)	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(5956055)

Conversions

Conversions Part 1

Format	Color
Hex	5AE1D7
RGB	90, 225, 215
RGB Percent	35%, 88%, 84%
CMY	0.6471, 0.1176, 0.1569
CMYK	0.60, 0.00, 0.04, 0.12
HSL	176°, 69%, 62%
HSV	176°, 60%, 88%
XYZ	43.4074, 60.9304, 73.7629
YIQ	183.4950, -77.2500, -31.7300

Conversions

Conversions Part 2

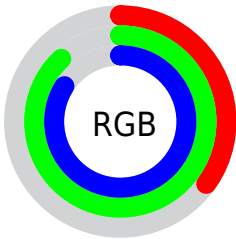
Format	Color
RYB	90, 160, 225
Decimal	5956055
CIELab	82.34, -38.84, -6.10
CIELCh	82, 39.316, 188.925
Yxy	60.9304, 0.2437, 0.3421
Android (android.graphics.Color)	4284146135 (0xFF5AE1D7)
YUV	183.4950, 15.5320, -81.9951
Hunter-Lab	78.0579, -37.3389, -1.3871

Details

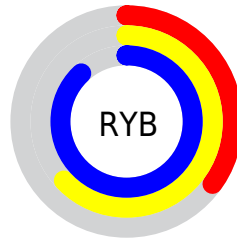
The Decimal color **5956055** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14768740**, and the grayscale version is **12040119**.

A 20% lighter version of the original color is **10092543**, and **43424** is the 20% darker color. If you saturate the color by 10%, you get **4514261**, and if you desaturate by 10%, it is **7463385**.

Distribution



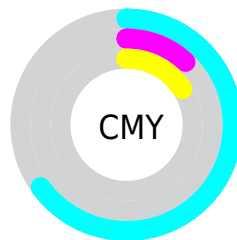
- Red (35%)
- Green (88%)
- Blue (84%)



- Red (35%)
- Yellow (63%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5956055 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 5956055 by changing the saturation by 10% instead.

5956055

5956055

16777215

3589563

10092543

43424

12058623

36486

14024703

29805

16056319

23381

16958

11304

4116

0

■ 5956055

■ 5956055

■ 4514261

■ 7463385

■ 3006932

■ 8905178

■ 1565138

■ 10412508

■ 57808

■ 11854302

■ 13361631

■ 14803425

■ 16310755

■ 16769508

■ 16769510

Harmonies

Analogous

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



8839089



5956055



4775930

Triad

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



5956055



14729215



16564873

Complementary

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



5956055



14768740

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.



16758432



5956055



16757992

Square

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



5956055



11259391



16757187



14405251

Rectangle

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



5956055



6282239



16757187



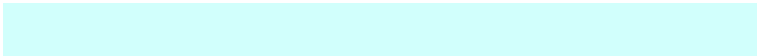
16760207

Sweetspot

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



5956055



13762556



6676826



6520957



0



8421504

Same Dimension

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



5956055



4718577



5941729



6647919



45219



12333

Inverse Universe

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



14768740



16729941



14783066



7365990



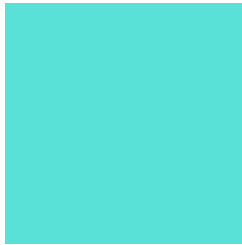
11534349



3145732

Previews

White Background



This preview shows how the Decimal color 5956055 looks on a white background.

Color Contrast Check

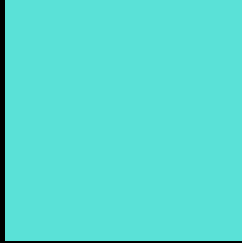
Large Text (above 18pt) WCAG AA × Fail

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 5956055 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

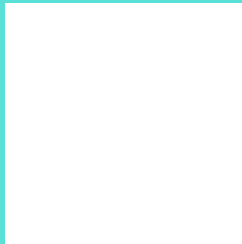
Any Text WCAG AAA ✓ Pass

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

Decimal 5956055 Background



This preview shows how black text looks on a background with the Decimal color 5956055.



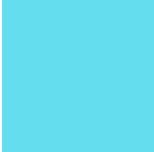
This preview shows how white text looks on a background with the Decimal color 5956055.

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
6610415

Trichromacy



Original Color
5956055



Protanomaly
10801871



Deuteranomaly
11194587

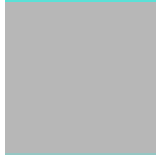


Tritanomaly
6348518

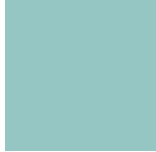
Monochromacy



Original Color
5956055



Achromatopsia
12040119



Achromatomaly
9815747

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5956055 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 #5AE1D7 looks like.

```
.text, #text, p{  
    color:#5AE1D7  
}
```

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 #5AE1D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE1D7
}
```

Border

The CSS property to change the border of an element to Decimal 5956055 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
#5AE1D7 }
```

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

```
.border{ border-color:#5AE1D7 }
```

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

Here you see how a box with a 4 pixel #5AE1D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE1D7; -webkit-box-shadow:4px 4px  
4px 4px #5AE1D7; box-shadow:4px 4px 4px  
4px #5AE1D7 }
```

Background

The CSS property to change the background color of an element to Decimal 5956055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE1D7 }
```

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

```
.background{ background-color:#5AE1D7 }
```

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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