

Converting Colors

Decimal(5956060)

Have a look what the booklet for
Decimal(5956060) contains.

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Color

Decimal(5956060)

Conversions

Conversions Part 1

Format	Color
Hex	5AE1DC
RGB	90, 225, 220
RGB Percent	35%, 88%, 86%
CMY	0.6471, 0.1176, 0.1373
CMYK	0.60, 0.00, 0.02, 0.12
HSL	178°, 69%, 62%
HSV	178°, 60%, 88%
XYZ	44.0599, 61.1914, 77.1991
YIQ	184.0650, -78.8550, -30.1750

Conversions

Conversions Part 2

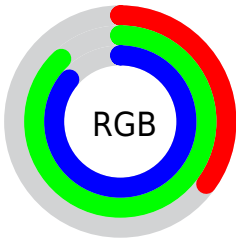
Format	Color
<code>RYB</code>	<code>90, 159, 225</code>
Decimal	<code>5956060</code>
CIELab	<code>82.48, -37.52, -8.54</code>
CIElCh	<code>82, 38.485, 192.827</code>
Yxy	<code>61.1914, 0.2415, 0.3354</code>
Android (<code>android.graphics.Color</code>)	<code>4284146140 (0xFF5AE1DC)</code>
YUV	<code>184.0650, 17.7160, -82.4950</code>
Hunter-Lab	<code>78.2249, -36.3541, -3.7550</code>

Details

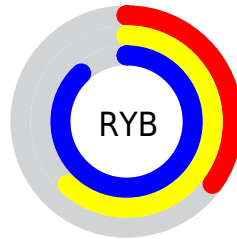
The Decimal color **5956060** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **14768735**, and the grayscale version is **12105912**.

A 20% lighter version of the original color is **10092543**, and **43429** is the 20% darker color. If you saturate the color by 10%, you get **4514267**, and if you desaturate by 10%, it is **7463389**.

Distribution



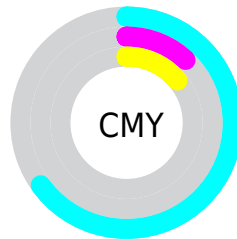
- Red (35%)
- Green (88%)
- Blue (86%)



- Red (35%)
- Yellow (62%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5956060 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 5956060 by changing the saturation by 10% instead.

■ 5956060

■ 5956060

16777215

■ 3524032

■ 10092543

■ 43429

■ 12058623

■ 36491

■ 14090239

■ 29809

■ 16056319

■ 23385

■ 16962

■ 11308

■ 4376

■ 0

■ 5956060

■ 5956060

■ 4514267

■ 7463389

■ 3006938

■ 8905182

■ 1565146

■ 10412511

■ 57817

■ 11854303

■ 13361632

■ 14803425

■ 16310754

■ 16769507

Harmonies

Analogous

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



8642487



5956060



5365501

Triad

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



5956060



15122175



16303241

Complementary

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



5956060



14768735

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.



16758942



5956060



16757988

Square

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



5956060



11848703



16757439



14078086

Rectangle

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



5956060



7002879



16757439



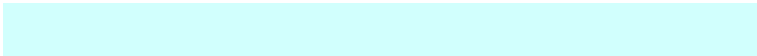
16760974

Sweetspot

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



5956060



13762557



6414682



6520958



0



8421504

Same Dimension

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



5956060



4718584



5940449



6647920



45225



12335

Inverse Universe

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



14768735



16729934



14784346



7365989



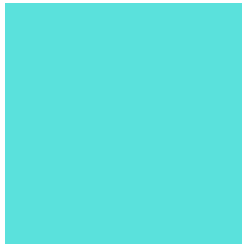
11534343



3145730

Previews

White Background



This preview shows how the Decimal color 5956060 looks on a white background.

Color Contrast Check

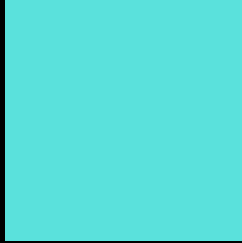
Large Text (above 18pt) WCAG AA × Fail

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 5956060 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

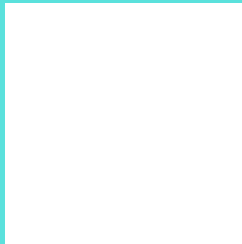
Any Text WCAG AAA ✓ Pass

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

Decimal 5956060 Background



This preview shows how black text looks on a background with the Decimal color 5956060.



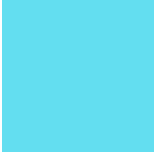
This preview shows how white text looks on a background with the Decimal color 5956060.

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
6545136

Trichromacy



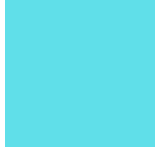
Original Color
5956060



Protanomaly
10802132



Deuteranomaly
11063520

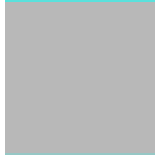


Tritanomaly
6348777

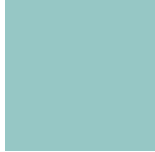
Monochromacy



Original Color
5956060



Achromatopsia
12105912



Achromatomaly
9881541

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5956060 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 #5AE1DC looks like.

```
.text, #text, p{  
    color:#5AE1DC  
}
```

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 #5AE1DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE1DC
}
```

Border

The CSS property to change the border of an element to Decimal 5956060 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
#5AE1DC }
```

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

```
.border{ border-color:#5AE1DC }
```

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

Here you see how a box with a 4 pixel #5AE1DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE1DC; -webkit-box-shadow:4px 4px  
4px 4px #5AE1DC; box-shadow:4px 4px 4px  
4px #5AE1DC }
```

Background

The CSS property to change the background color of an element to Decimal 5956060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE1DC }
```

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

```
.background{ background-color:#5AE1DC }
```

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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