

Converting Colors

Decimal(5956038)

Have a look what the booklet for
Decimal(5956038) contains.

Decimal(5956038)	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(5956038)

Conversions

Conversions Part 1

Format	Color
Hex	5AE1C6
RGB	90, 225, 198
RGB Percent	35%, 88%, 78%
CMY	0.6471, 0.1176, 0.2235
CMYK	0.60, 0.00, 0.12, 0.12
HSL	168°, 69%, 62%
HSV	168°, 60%, 88%
XYZ	41.3347, 60.1013, 62.8482
YIQ	181.5570, -71.7930, -37.0170

Conversions

Conversions Part 2

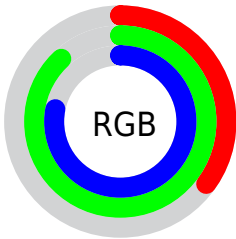
Format	Color
RYB	90, 165, 225
Decimal	5956038
CIELab	81.89, -43.14, 2.26
CIELCh	82, 43.196, 177.003
Yxy	60.1013, 0.2516, 0.3658
Android (android.graphics.Color)	4284146118 (0xFF5AE1C6)
YUV	181.5570, 8.1064, -80.2955
Hunter-Lab	77.5250, -40.4964, 6.2021

Details

The Decimal color **5956038** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **14768757**, and the grayscale version is **11974326**.

A 20% lighter version of the original color is **10027007**, and **43408** is the 20% darker color. If you saturate the color by 10%, you get **4514242**, and if you desaturate by 10%, it is **7463371**.

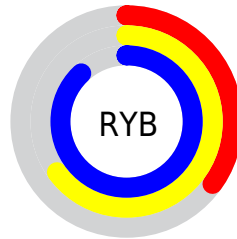
Distribution



Red (35%)

Green (88%)

Blue (78%)



Red (35%)

Yellow (65%)

Blue (88%)

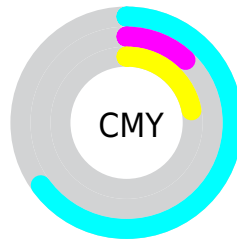


Cyan (60%)

Magenta (0%)

Yellow (12%)

Black (12%)



Cyan (65%)

Magenta (12%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5956038 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 5956038 by changing the saturation by 10% instead.

■ 5956038

■ 5956038

16777215

■ 3655083

■ 10027007

■ 43408

■ 11993087

■ 36471

■ 13959167

■ 29790

■ 15925247

■ 23110

■ 16944

■ 11291

■ 3329

■ 0

■ 5956038

■ 5956038

■ 4514242

■ 7463371

■ 3006909

■ 8905167

■ 1565113

■ 10412500

■ 57780

■ 11854296

■ 13361629

■ 14803425

■ 16310758

■ 16769514

■ 16769519

Harmonies

Analogous

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



9559454



5956038



1892847

Triad

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



5956038



13288447



16759433

Complementary

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



5956038



14768757

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.



16756649



5956038



16495864

Square

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



5956038



9032191



16755921



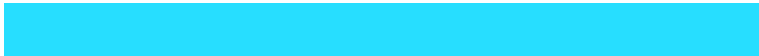
15386746

Rectangle

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



5956038



2612991



16755921



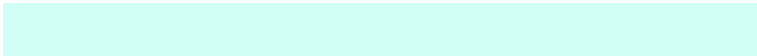
16758162

Sweetspot

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



5956038



13762550



7725402



6520954



0



8421504

Same Dimension

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



5956038



4718554



5945569



6647918



45197



12327

Inverse Universe

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



14768757



16729964



14779226



7365991



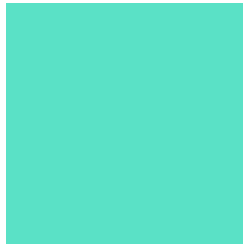
11534371



3145738

Previews

White Background



This preview shows how the Decimal color 5956038 looks on a white background.

Color Contrast Check

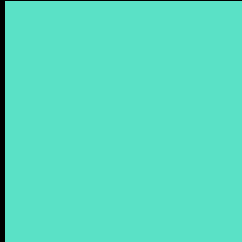
Large Text (above 18pt) WCAG AA × Fail

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 5956038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

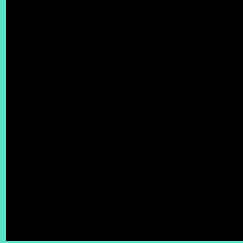
Any Text WCAG AA ✓ Pass

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 5956038 Background



This preview shows how black text looks on a background with the Decimal color 5956038.



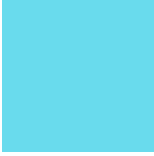
This preview shows how white text looks on a background with the Decimal color 5956038.

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
6937581

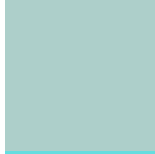
Trichromacy



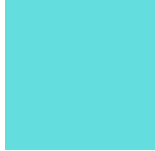
Original Color
5956038



Protanomaly
10932926



Deuteranomaly
11390922

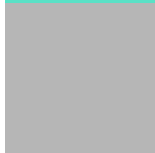


Tritanomaly
6610399

Monochromacy



Original Color
5956038



Achromatopsia
11974326



Achromatomaly
9815740

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5956038 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 #5AE1C6 looks like.

```
.text, #text, p{  
    color:#5AE1C6  
}
```

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 #5AE1C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE1C6
}
```

Border

The CSS property to change the border of an element to Decimal 5956038 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
#5AE1C6 }
```

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

```
.border{ border-color:#5AE1C6 }
```

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

Here you see how a box with a 4 pixel #5AE1C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE1C6; -webkit-box-shadow:4px 4px  
4px 4px #5AE1C6; box-shadow:4px 4px 4px  
4px #5AE1C6 }
```

Background

The CSS property to change the background color of an element to Decimal 5956038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE1C6 }
```

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

```
.background{ background-color:#5AE1C6 }
```

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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