

Converting Colors

Decimal(5952398)

Have a look what the booklet for
Decimal(5952398) contains.

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Color

Decimal(5952398)

Conversions

Conversions Part 1

Format	Color
Hex	5AD38E
RGB	90, 211, 142
RGB Percent	35%, 83%, 56%
CMY	0.6471, 0.1725, 0.4431
CMYK	0.57, 0.00, 0.33, 0.17
HSL	146°, 58%, 59%
HSV	146°, 57%, 83%
XYZ	32.3932, 50.7152, 33.6729
YIQ	166.9550, -49.9670, -47.1110

Conversions

Conversions Part 2

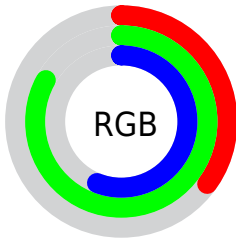
Format	Color
RYB	90, 175, 211
Decimal	5952398
CIELab	76.51, -49.48, 24.24
CIELCh	77, 55.099, 153.896
Yxy	50.7152, 0.2774, 0.4343
Android (android.graphics.Color)	4284142478 (0xFF5AD38E)
YUV	166.9550, -12.3028, -67.4895
Hunter-Lab	71.2146, -43.4317, 21.8157

Details

The Decimal color **5952398** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **13851295**, and the grayscale version is **10987431**.

A 20% lighter version of the original color is **9830340**, and **826203** is the 20% darker color. If you saturate the color by 10%, you get **4576130**, and if you desaturate by 10%, it is **7328666**.

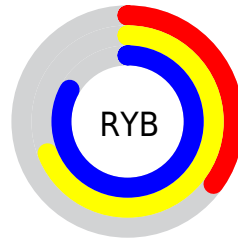
Distribution



Red (35%)

Green (83%)

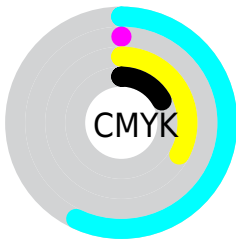
Blue (56%)



Red (35%)

Yellow (69%)

Blue (83%)

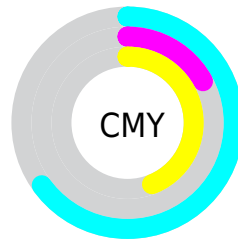


Cyan (57%)

Magenta (0%)

Yellow (33%)

Black (17%)



Cyan (65%)

Magenta (17%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5952398 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 5952398 by changing the saturation by 10% instead.

5952398

5952398

16777215

3848052

9830340

826203

11730912

33091

13697021

26412

15663103

19990

13824

7936

0

5952398

5952398

■ 4576130

■ 7328666

■ 3199862

■ 8704934

■ 1823594

■ 10081202

■ 447326

■ 11457470

■ 54107

■ 12899274

■ 14275542

■ 15651810

■ 16765934

■ 16765946

Harmonies

Analogous

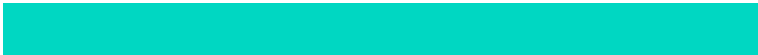
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



10472037



5952398



55234

Triad

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



5952398



7323903



16750983

Complementary

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



5952398



13851295

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.



16748984



5952398



13217279

Square

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



5952398



52991



16751339



16689761

Rectangle

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



5952398



55012



16751339



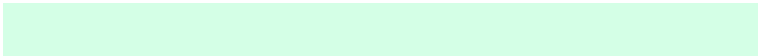
16749974

Sweetspot

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



5952398



13959142



10605402



6717553



0



8421504

Same Dimension

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



5952398



5242779



5952457



6187363



43080



10514

Inverse Universe

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



13851295



16732083



13851236



6905444



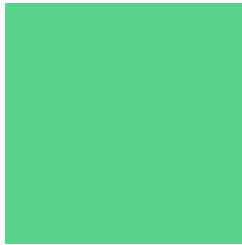
11010144



2686999

Previews

White Background



This preview shows how the Decimal color 5952398 looks on a white background.

Color Contrast Check

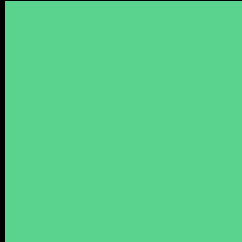
Large Text (above 18pt) WCAG AA × Fail

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 5952398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

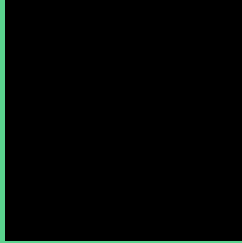
Any Text WCAG AA ✓ Pass

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 5952398 Background



This preview shows how black text looks on a background with the Decimal color 5952398.



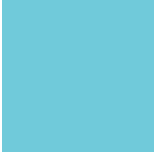
This preview shows how white text looks on a background with the Decimal color 5952398.

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



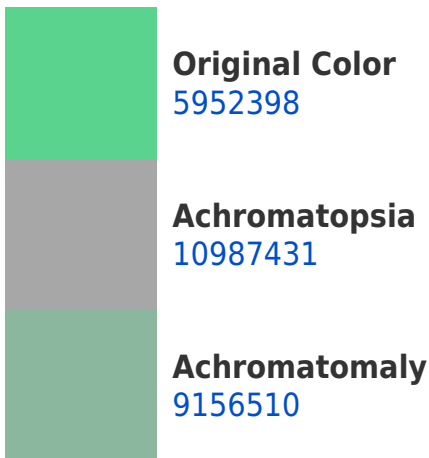


Tritanopia
7391962

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5952398 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 #5AD38E looks like.

```
.text, #text, p{  
    color:#5AD38E  
}
```

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 #5AD38E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AD38E
}
```

Border

The CSS property to change the border of an element to Decimal 5952398 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
#5AD38E }
```

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

```
.border{ border-color:#5AD38E }
```

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

Here you see how a box with a 4 pixel #5AD38E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AD38E; -webkit-box-shadow:4px 4px  
4px 4px #5AD38E; box-shadow:4px 4px 4px  
4px #5AD38E }
```

Background

The CSS property to change the background color of an element to Decimal 5952398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AD38E }
```

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

```
.background{ background-color:#5AD38E }
```

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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