

Converting Colors

Decimal(5949320)

Have a look what the booklet for
Decimal(5949320) contains.

Decimal(5949320)	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(5949320)

Conversions

Conversions Part 1

Format	Color
Hex	5AC788
RGB	90, 199, 136
RGB Percent	35%, 78%, 53%
CMY	0.6471, 0.2196, 0.4667
CMYK	0.55, 0.00, 0.32, 0.22
HSL	145°, 49%, 57%
HSV	145°, 55%, 78%
XYZ	29.0838, 44.7981, 30.4066
YIQ	159.2270, -44.7410, -42.7010

Conversions

Conversions Part 2

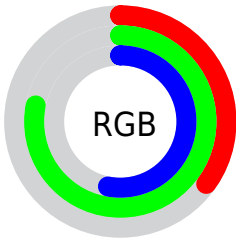
Format	Color
RYB	90, 167, 199
Decimal	5949320
CIELab	72.76, -45.65, 22.31
CIELCh	73, 50.808, 153.959
Yxy	44.7981, 0.2789, 0.4296
Android (android.graphics.Color)	4284139400 (0xFF5AC788)
YUV	159.2270, -11.4509, -60.7121
Hunter-Lab	66.9314, -39.5660, 19.9168

Details

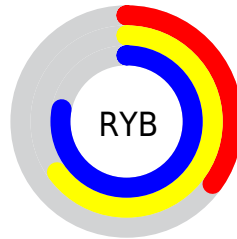
The Decimal color **5949320** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **13064857**, and the grayscale version is **10461087**.

A 20% lighter version of the original color is **9699262**, and **1413206** is the 20% darker color. If you saturate the color by 10%, you get **4638588**, and if you desaturate by 10%, it is **7260052**.

Distribution



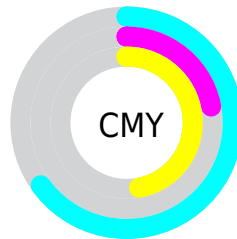
- Red (35%)
- Green (78%)
- Blue (53%)



- Red (35%)
- Yellow (65%)
- Blue (78%)



- Cyan (55%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)



- Cyan (65%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5949320 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 5949320 by changing the saturation by 10% instead.



5949320



5949320

16777215



3976046



9699262



1413206



11599834



30270



13500406



23591



15466495



17426



11520



4352



0



5949320



5949320

■ 4638588

■ 7260052

■ 3327857

■ 8570783

■ 2017125

■ 9881515

■ 706394

■ 11192246

■ 51028

■ 12502978

■ 13748173

■ 15058905

■ 16369636

■ 16762864

Harmonies

Analogous

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



10010467



5949320



51895

Triad

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



5949320



7255551



16749185

Complementary

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



5949320



13064857

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.



16747438



5949320



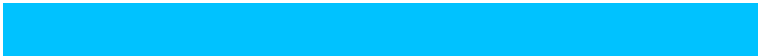
12494079

Square

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



5949320



49919



15832028



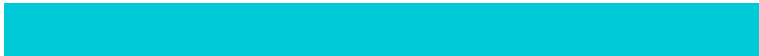
15704415

Rectangle

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



5949320



51927



15832028



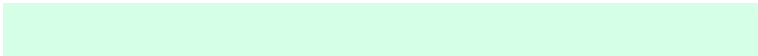
16748175

Sweetspot

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



5949320



14090215



10143578



6783089



0



8421504

Same Dimension

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



5949320



5767070



5949374



5923678



41797



9231

Inverse Universe

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



13064857



16734136



13064803



6511199



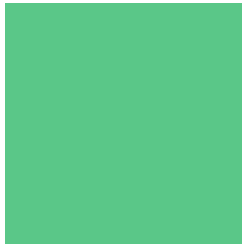
10682462



2359317

Previews

White Background



This preview shows how the Decimal color 5949320 looks on a white background.

Color Contrast Check

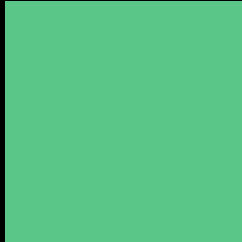
Large Text (above 18pt) WCAG AA × Fail

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 5949320 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 5949320 Background



This preview shows how black text looks on a background with the Decimal color 5949320.

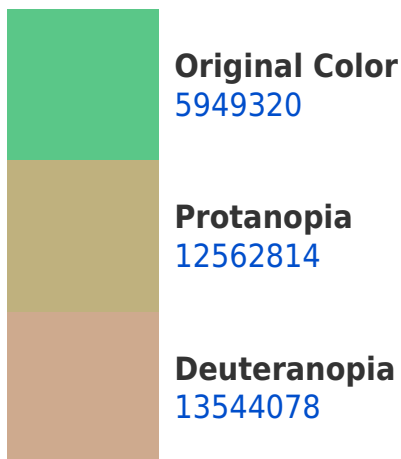


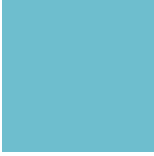
This preview shows how white text looks on a background with the Decimal color 5949320.

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



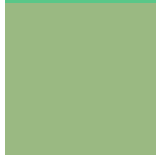


Tritanopia
7257806

Trichromacy



Original Color
5949320



Protanomaly
10140034



Deuteranomaly
10794380

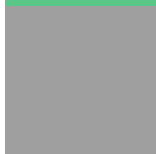


Tritanomaly
6799797

Monochromacy



Original Color
5949320



Achromatopsia
10461087



Achromatomaly
8826519

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5949320 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 #5AC788 looks like.

```
.text, #text, p{  
    color:#5AC788  
}
```

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 #5AC788 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AC788
}
```

Border

The CSS property to change the border of an element to Decimal 5949320 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
#5AC788 }
```

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

```
.border{ border-color:#5AC788 }
```

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

Here you see how a box with a 4 pixel #5AC788 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AC788; -webkit-box-shadow:4px 4px  
4px 4px #5AC788; box-shadow:4px 4px 4px  
4px #5AC788 }
```

Background

The CSS property to change the background color of an element to Decimal 5949320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AC788 }
```

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

```
.background{ background-color:#5AC788 }
```

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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