

Converting Colors

Decimal(5482693)

Have a look what the booklet for
Decimal(5482693) contains.

Decimal(5482693)	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(5482693)

Conversions

Conversions Part 1

Format	Color
Hex	53A8C5
RGB	83, 168, 197
RGB Percent	33%, 66%, 77%
CMY	0.6745, 0.3412, 0.2275
CMYK	0.58, 0.15, 0.00, 0.23
HSL	195°, 50%, 55%
HSV	195°, 58%, 77%
XYZ	27.6480, 33.8755, 57.9047
YIQ	145.8910, -59.9690, -9.0010

Conversions

Conversions Part 2

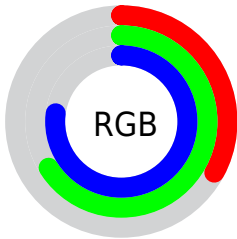
Format	Color
RYB	83, 132, 197
Decimal	5482693
CIELab	64.86, -17.26, -22.62
CIELCh	65, 28.449, 232.655
Yxy	33.8755, 0.2315, 0.2836
Android (android.graphics.Color)	4283672773 (0xFF53A8C5)
YUV	145.8910, 25.1967, -55.1554
Hunter-Lab	58.2026, -17.0619, -18.2447

Details

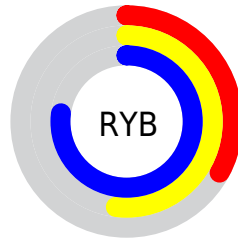
The Decimal color **5482693** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **12939347**, and the grayscale version is **9605778**.

A 20% lighter version of the original color is **9297918**, and **29839** is the 20% darker color. If you saturate the color by 10%, you get **4170693**, and if you desaturate by 10%, it is **6794693**.

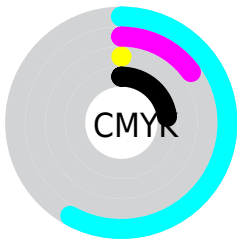
Distribution



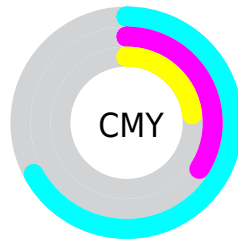
- Red (33%)
- Green (66%)
- Blue (77%)



- Red (33%)
- Yellow (52%)
- Blue (77%)



- Cyan (58%)
- Magenta (15%)
- Yellow (0%)
- Black (23%)



- Cyan (67%)
- Magenta (34%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5482693 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 5482693 by changing the saturation by 10% instead.

■ 5482693

■ 5482693

16777215

■ 3378858

■ 9297918

■ 29839

■ 11205887

■ 23413

■ 13107199

■ 17501

■ 15073279

■ 11589

■ 6703

■ 282

■ 0

■ 5482693

■ 5482693

■ 4170693

■ 6794693

■ 2924229

■ 8041157

■ 1612229

■ 9353157

■ 300229

■ 10665157

■ 37829

■ 11977157

■ 13223621

■ 14535621

■ 15847621

■ 16766405

Harmonies

Analogous

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



5090224



5482693



7578319

Triad

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



5482693



13339557



10199662

Complementary

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



5482693



12939347

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.



11901547



5482693



13667211

Square

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



5482693



12095676



13144438



8300670

Rectangle

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



5482693



9215183



13144438



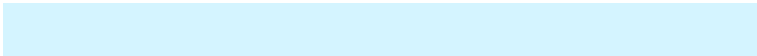
10788715

Sweetspot

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



5482693



13956351



5490032



6715776



0



8421504

Same Dimension

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



5482693



5231359



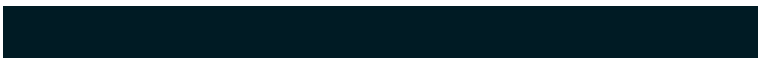
5468357



5923171



31395



6948

Inverse Universe

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



12932008



16732114



12953939



6511201



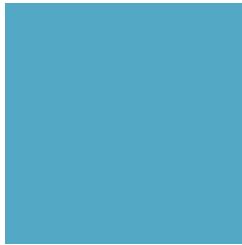
10682490



2359323

Previews

White Background



This preview shows how the Decimal color 5482693 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 5482693 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 5482693 Background



This preview shows how black text looks on a background with the Decimal color 5482693.



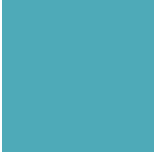
This preview shows how white text looks on a background with the Decimal color 5482693.

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](#).

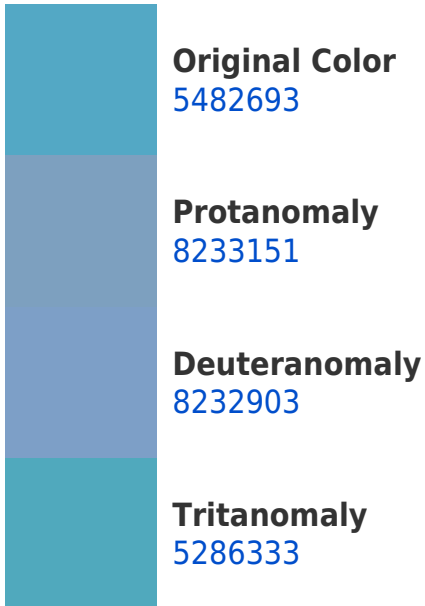
Dichromacy



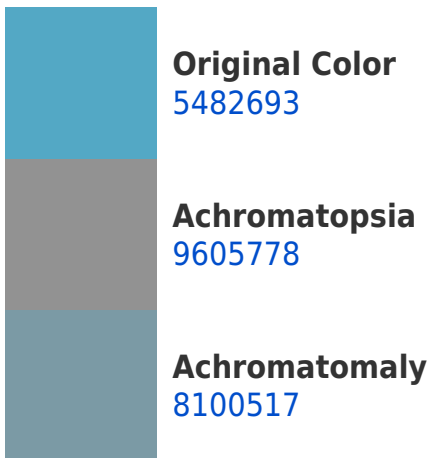


Tritanopia
515512

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5482693 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 #53A8C5 looks like.

```
.text, #text, p{  
    color:#53A8C5  
}
```

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 #53A8C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53A8C5
}
```

Border

The CSS property to change the border of an element to Decimal 5482693 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
#53A8C5 }
```

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

```
.border{ border-color:#53A8C5 }
```

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

Here you see how a box with a 4 pixel #53A8C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53A8C5; -webkit-box-shadow:4px 4px  
4px 4px #53A8C5; box-shadow:4px 4px 4px  
4px #53A8C5 }
```

Background

The CSS property to change the background color of an element to Decimal 5482693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53A8C5 }
```

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

```
.background{ background-color:#53A8C5 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor