

Converting Colors

Decimal(4953539)

Have a look what the booklet for
Decimal(4953539) contains.

Decimal(4953539)	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(4953539)

Conversions

Conversions Part 1

Format	Color
Hex	4B95C3
RGB	75, 149, 195
RGB Percent	29%, 58%, 76%
CMY	0.7059, 0.4157, 0.2353
CMYK	0.62, 0.24, 0.00, 0.24
HSL	203°, 50%, 53%
HSV	203°, 62%, 76%
XYZ	23.4994, 26.9309, 55.5894
YIQ	132.1180, -58.8700, -1.3820

Conversions

Conversions Part 2

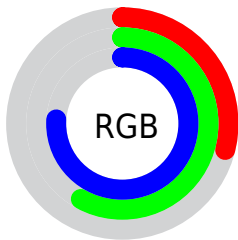
Format	Color
R_{YB}	75, 121, 195
Decimal	4953539
CIE _{Lab}	58.91, -9.07, -30.69
CIE _{LCh}	59, 32.005, 253.533
Yxy	26.9309, 0.2217, 0.2540
Android (android.graphics.Color)	4283143619 (0xFF4B95C3)
YUV	132.1180, 31.0008, -50.0925
Hunter-Lab	51.8950, -9.9866, -27.1844

Details

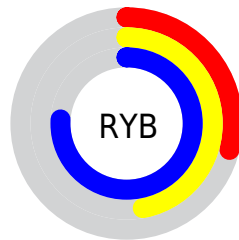
The Decimal color **4953539** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **12810571**, and the grayscale version is **8684676**.

A 20% lighter version of the original color is **8834044**, and **25229** is the 20% darker color. If you saturate the color by 10%, you get **3706563**, and if you desaturate by 10%, it is **6266051**.

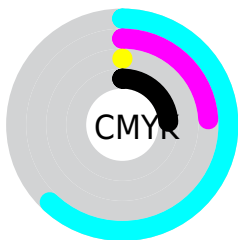
Distribution



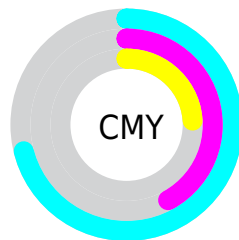
- Red (29%)
- Green (58%)
- Blue (76%)



- Red (29%)
- Yellow (47%)
- Blue (76%)



- Cyan (62%)
- Magenta (24%)
- Yellow (0%)
- Black (24%)



- Cyan (71%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4953539 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 4953539 by changing the saturation by 10% instead.

■ 4953539

■ 4953539

16777215

■ 2784168

■ 8834044

■ 25229

■ 10741759

■ 19315

■ 12648447

■ 13403

■ 14548991

■ 8003

■ 16515071

■ 813

■ 279

■ 0

■ 4953539

■ 4953539

■ 3706563

■ 6266051

■ 2393795

■ 7513283

■ 1146819

■ 8825795

■ 30915

■ 10073027

■ 11385539

■ 12632771

■ 13945283

■ 15192515

■ 16505027

Harmonies

Analogous

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



2137012



4953539



8031428

Triad

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



4953539



12941442



7640932

Complementary

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



4953539



12810571

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.



9736278



4953539



12615016

Square

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



4953539



12286622



11437912



5348477

Rectangle

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



4953539



9799101



11437912



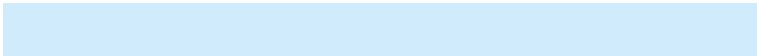
8361310

Sweetspot

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



4953539



13626364



4965241



6518144



0



8421504

Same Dimension

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



4953539



4371964



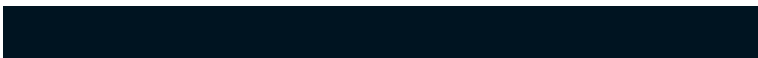
4938179



5725537



25505



5153

Inverse Universe

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



12798869



16532149



12825931



6379357



10551395



2162708

Previews

White Background



This preview shows how the Decimal color 4953539 looks on a white background.

Color Contrast Check

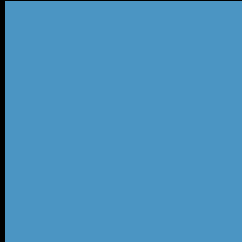
Large Text (above 18pt) WCAG AA ✓ Pass

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 4953539 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

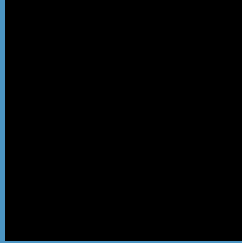
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

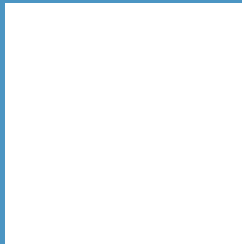
Any Text WCAG AAA × Fail

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

Decimal 4953539 Background



This preview shows how black text looks on a background with the Decimal color 4953539.



This preview shows how white text looks on a background with the Decimal color 4953539.

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
4102823

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4953539 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 #4B95C3 looks like.

```
.text, #text, p{  
    color:#4B95C3  
}
```

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 #4B95C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B95C3
}
```

Border

The CSS property to change the border of an element to Decimal 4953539 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
#4B95C3 }
```

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

```
.border{ border-color:#4B95C3 }
```

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

Here you see how a box with a 4 pixel #4B95C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B95C3; -webkit-box-shadow:4px 4px  
4px 4px #4B95C3; box-shadow:4px 4px 4px  
4px #4B95C3 }
```

Background

The CSS property to change the background color of an element to Decimal 4953539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B95C3 }
```

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

```
.background{ background-color:#4B95C3 }
```

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