

Converting Colors

Decimal(5613533)

Have a look what the booklet for
Decimal(5613533) contains.

Decimal(5613533)	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(5613533)

Conversions

Conversions Part 1

Format	Color
Hex	55A7DD
RGB	85, 167, 221
RGB Percent	33%, 65%, 87%
CMY	0.6667, 0.3451, 0.1333
CMYK	0.62, 0.24, 0.00, 0.13
HSL	204°, 67%, 60%
HSV	204°, 62%, 87%
XYZ	30.6162, 34.7892, 73.5080
YIQ	148.6380, -66.2060, -0.5900

Conversions

Conversions Part 2

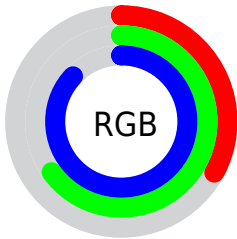
Format	Color
R _Y B	85, 136, 221
Decimal	5613533
CIE Lab	65.58, -8.91, -34.79
CIE LCh	66, 35.911, 255.636
Yxy	34.7892, 0.2204, 0.2504
Android (android.graphics.Color)	4283803613 (0xFF55A7DD)
YUV	148.6380, 35.6745, -55.8105
Hunter-Lab	58.9824, -10.5645, -32.6037

Details

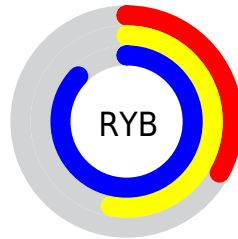
The Decimal color **5613533** is a light color, and the websafe version is hex **3399CC**. The color can be described as light muted azure. A complement of this color would be **14519125**, and the grayscale version is **9737364**.

A 20% lighter version of the original color is **9559807**, and **29606** is the 20% darker color. If you saturate the color by 10%, you get **4169437**, and if you desaturate by 10%, it is **7057629**.

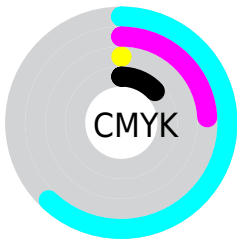
Distribution



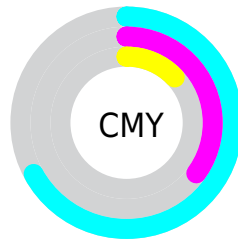
- Red (33%)
- Green (65%)
- Blue (87%)



- Red (33%)
- Yellow (53%)
- Blue (87%)



- Cyan (62%)
- Magenta (24%)
- Yellow (0%)
- Black (13%)



- Cyan (67%)
- Magenta (35%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5613533 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 5613533 by changing the saturation by 10% instead.

■ 5613533

■ 5613533

16777215

■ 3378625

■ 9559807

■ 29606

■ 11533311

■ 23435

■ 13500415

■ 17265

■ 15466495

■ 11609

■ 6721

■ 810

■ 277

■ 0

■ 5613533

■ 5613533

■ 4169437

■ 7057629

■ 2725341

■ 8501725

■ 1281501

■ 9945565

■ 34269

■ 11389661

■ 12833757

■ 14343389

■ 15787229

■ 16772573

■ 16774877

Harmonies

Analogous

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



1814220



5613533



9215453

Triad

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



5613533



14583695



8432497

Complementary

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



5613533



14519125

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.



10789728



5613533



14126451

Square

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



5613533



13928624



12752993



5681038

Rectangle

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



5613533



11245012



12752993



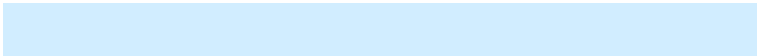
9218154

Sweetspot

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



5613533



13757951



5627273



6517888



0



8421504

Same Dimension

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



5613533



4371711



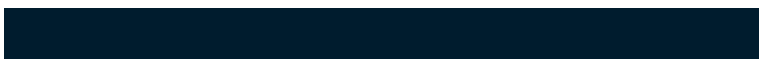
5596637



6515054



27053



7214

Inverse Universe

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



14505383



16728756



14536021



7234409



11337833



3014684

Previews

White Background



This preview shows how the Decimal color 5613533 looks on a white background.

Color Contrast Check

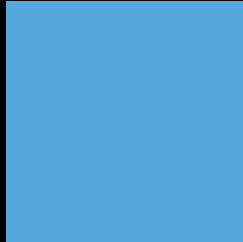
Large Text (above 18pt) WCAG AA × Fail

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 5613533 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

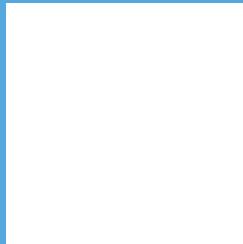
Any Text WCAG AAA ✓ Pass

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

Decimal 5613533 Background



This preview shows how black text looks on a background with the Decimal color 5613533.




This preview shows how white text looks on a background with the Decimal color 5613533.

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



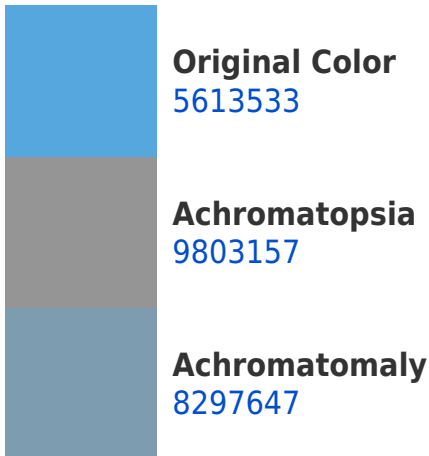


Tritanopia
4566459

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 5613533 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 #55A7DD looks like.

```
.text, #text, p{  
    color:#55A7DD  
}
```

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 #55A7DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55A7DD
}
```

Border

The CSS property to change the border of an element to Decimal 5613533 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
#55A7DD }
```

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

```
.border{ border-color:#55A7DD }
```

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

Here you see how a box with a 4 pixel #55A7DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55A7DD; -webkit-box-shadow:4px 4px  
4px 4px #55A7DD; box-shadow:4px 4px 4px  
4px #55A7DD }
```

Background

The CSS property to change the background color of an element to Decimal 5613533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55A7DD }
```

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

```
.background{ background-color:#55A7DD }
```

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