

Converting Colors

Decimal(4427974)

Have a look what the booklet for
Decimal(4427974) contains.

| | |
|--|----|
| Decimal(4427974) | 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(4427974)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4390C6 |
| RGB | 67, 144, 198 |
| RGB Percent | 26%, 56%, 78% |
| CMY | 0.7373, 0.4353, 0.2235 |
| CMYK | 0.66, 0.27, 0.00, 0.22 |
| HSL | 205°, 53%, 52% |
| HSV | 205°, 66%, 78% |
| XYZ | 22.4810, 25.2170, 57.1086 |
| YIQ | 127.1330, -63.2260, 0.4700 |

Conversions

Conversions Part 2

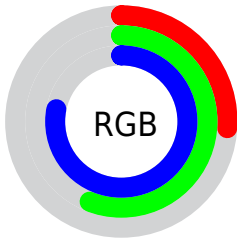
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 67, 115, 198 |
| Decimal | 4427974 |
| CIE Lab | 57.29, -6.67, -34.94 |
| CIE LCh | 57, 35.567, 259.187 |
| Yxy | 25.2170, 0.2145, 0.2406 |
| Android (android.graphics.Color) | 4282618054 (0xFF4390C6) |
| YUV | 127.1330, 34.9374, -52.7366 |
| Hunter-Lab | 50.2166, -7.9678, -32.2757 |

Details

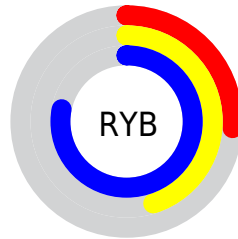
The Decimal color **4427974** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **13007171**, and the grayscale version is **8355711**.

A 20% lighter version of the original color is **8439551**, and **24208** is the 20% darker color. If you saturate the color by 10%, you get **3115206**, and if you desaturate by 10%, it is **5740742**.

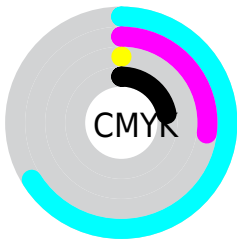
Distribution



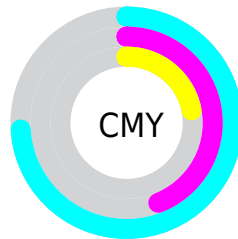
- Red (26%)
- Green (56%)
- Blue (78%)



- Red (26%)
- Yellow (45%)
- Blue (78%)



- Cyan (66%)
- Magenta (27%)
- Yellow (0%)
- Black (22%)



- Cyan (74%)
- Magenta (44%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 4427974 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 4427974 by changing the saturation by 10% instead.

■ 4427974

■ 4427974

16777215

■ 1865387

■ 8439551

■ 24208

■ 10347263

■ 18038

■ 12254975

■ 12381

■ 14221311

■ 7237

■ 16187391

■ 1070

■ 281

■ 0

■ 4427974

■ 4427974

■ 3115206

■ 5740742

■ 1802438

■ 7053510

■ 555206

■ 8300742

■ 29894

■ 9613766

■ 10926534

■ 12239302

■ 13552070

■ 14799302

■ 16112070

Harmonies

Analogous

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



38840



4427974



8160964

Triad

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



4427974



13005431



6722912

Complementary

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



4427974



13007171

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.



9014862



4427974



12417372

Square

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



4427974



12481174



10978380



3840381

Rectangle

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



4427974



10059450



10978380



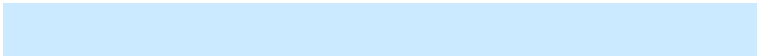
7508824

Sweetspot

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



4427974



13429503



4441719



6386560



0



8421504

Same Dimension

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



4427974



3583231



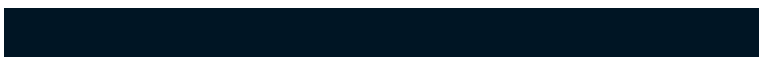
4411590



5922659



24739



5412

Inverse Universe

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



12993424



16725676



13023555



6511199



10682464



2359317

Previews

White Background



This preview shows how the Decimal color 4427974 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 4427974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

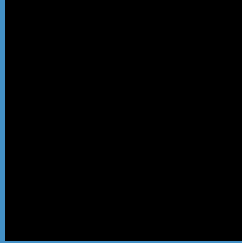
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

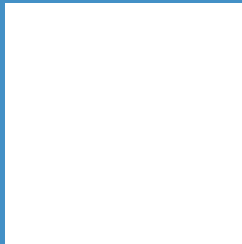
Any Text WCAG AAA × Fail

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

Decimal 4427974 Background



This preview shows how black text looks on a background with the Decimal color 4427974.



This preview shows how white text looks on a background with the Decimal color 4427974.

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](#).

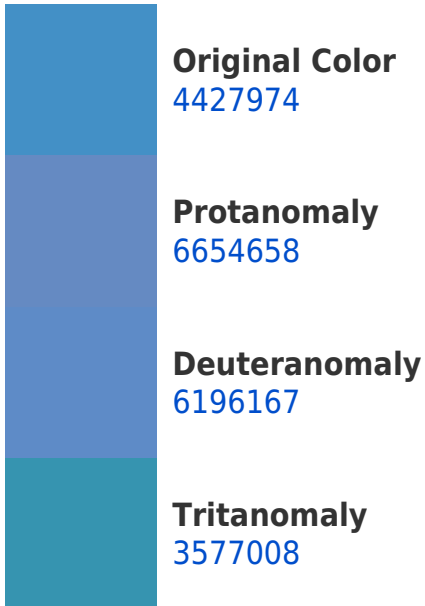
Dichromacy





Tritanopia
3053475

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 4427974 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 #4390C6 looks like.

```
.text, #text, p{  
    color:#4390C6  
}
```

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 #4390C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4390C6
}
```

Border

The CSS property to change the border of an element to Decimal 4427974 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
#4390C6 }
```

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

```
.border{ border-color:#4390C6 }
```

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

Here you see how a box with a 4 pixel #4390C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4390C6; -webkit-box-shadow:4px 4px  
4px 4px #4390C6; box-shadow:4px 4px 4px  
4px #4390C6 }
```

Background

The CSS property to change the background color of an element to Decimal 4427974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4390C6 }
```

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

```
.background{ background-color:#4390C6 }
```

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