

Converting Colors

Android(4284373475)

Have a look what the booklet for
Android(4284373475) contains.

| | |
|--|----|
| Android(4284373475) | 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

Android(4284373475)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 5E59E3 |
| RGB | 94, 89, 227 |
| RGB Percent | 37%, 35%, 89% |
| CMY | 0.6314, 0.6510, 0.1098 |
| CMYK | 0.59, 0.61, 0.00, 0.11 |
| HSL | 242°, 71%, 62% |
| HSV | 242°, 61%, 89% |
| XYZ | 22.0536, 15.0705, 74.4196 |
| YIQ | 106.2270, -41.3180, 43.9780 |

Conversions

Conversions Part 2

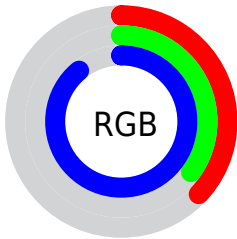
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 94, 89, 227 |
| Decimal | 6183395 |
| CIE Lab | 45.73, 41.16, -69.74 |
| CIE LCh | 46, 80.983, 300.551 |
| Yxy | 15.0705, 0.1977, 0.1351 |
| Android (android.graphics.Color) | 4284373475 (0xFF5E59E3) |
| YUV | 106.2270, 59.5411, -10.7231 |
| Hunter-Lab | 38.8207, 33.4675, -86.4848 |

Details

The Android color `4284373475` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted blue. A complement of this color would be `4292797273`, and the grayscale version is `4285164138`.

A 20% lighter version of the original color is `4288383999`, and `4278528938` is the 20% darker color. If you saturate the color by 10%, you get `4282925795`, and if you desaturate by 10%, it is `4285821155`.

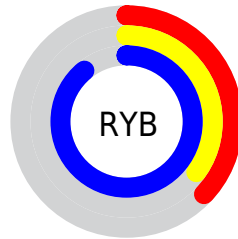
Distribution



Red (37%)

Green (35%)

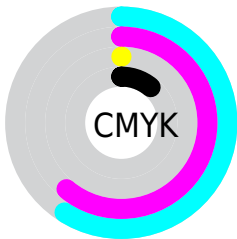
Blue (89%)



Red (37%)

Yellow (35%)

Blue (89%)

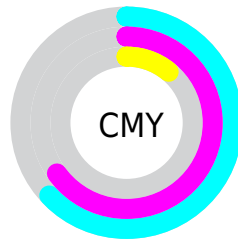


Cyan (59%)

Magenta (61%)

Yellow (0%)

Black (11%)



Cyan (63%)

Magenta (65%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284373475 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 Android color 4284373475 by changing the saturation by 10% instead.



4284373475



4284373475

4294967295



4282139078



4288383999



4278528938



4290356991



4278195855



4292329983



4278190965



4294368767



4278190171



4294966015



4278191939



4278190891



4278190358



4278190080

■ 4284373475

■ 4284373475

■ 4282925795

■ 4285821155

■ 4281478371

■ 4287268579

■ 4280030691

■ 4288716259

■ 4278714595

■ 4290163939

■ 4291546083

■ 4292993507

■ 4294441187

■ 4294967267

Harmonies

Analogous

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



4278220534



4284373475



4290455216

Triad

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



4284373475



4290202624



4278224748

Complementary

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



4284373475



4292797273

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.



4278223905



4284373475



4286802432

Square

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



4284373475



4292284460



4282153728



4278225072

Rectangle

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



4284373475



4292214917



4282153728



4278224468

Sweetspot

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



4284373475



4292071935



4284079843



4284769152



4278190080



4286611584

Same Dimension

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



4284373475



4283188735



4288895459



4285032307



4278583475



4278321203

Inverse Universe

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



4293089758



4294919672



4288275289



4285753202



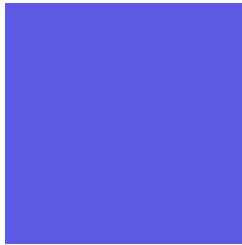
4289921196



4281532465

Previews

White Background



This preview shows how the Android color 4284373475 looks on a white background.

Color Contrast Check

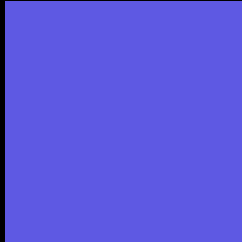
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4284373475 looks on a black 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

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

Android 4284373475 Background



This preview shows how black text looks on a background with the Android color 4284373475.

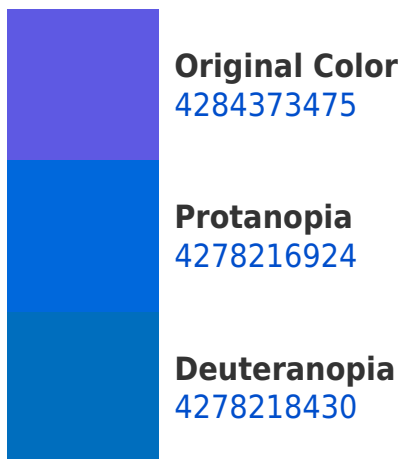


This preview shows how white text looks on a background with the Android color 4284373475.

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



Trichromacy



Original Color

4284373475



Protanomaly

4280443871



Deuteranomaly

4280444619



Tritanomaly

4282608547

Monochromacy



Original Color

4284373475



Achromatopsia

4285164138



Achromatomaly

4284900502

CSS Examples

Text

The CSS property to change the color of the text to Android 4284373475 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 `rgb(94, 89, 227)` looks like.

```
.text, #text, p{  
    color:rgb(94, 89, 227)  
}
```

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 rgb(94, 89, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 89, 227) }
```

Border

The CSS property to change the border of an element to Android 4284373475 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 rgb(94, 89, 227) }
```

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

```
.border{ border-color:rgb(94, 89, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 89, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 89, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 89, 227);  
box-shadow:4px 4px 4px 4px rgb(94, 89,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4284373475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 89, 227) }
```

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

```
.background{ background-color: rgb(94, 89,  
227) }
```

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