

Converting Colors

Android(4283712157)

Have a look what the booklet for
Android(4283712157) contains.

Android(4283712157)	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>	28

Color

Android(4283712157)

Conversions

Conversions Part 1

Format	Color
Hex	54429D
RGB	84, 66, 157
RGB Percent	33%, 26%, 62%
CMY	0.6706, 0.7412, 0.3843
CMYK	0.46, 0.58, 0.00, 0.38
HSL	252°, 41%, 44%
HSV	252°, 58%, 62%
XYZ	11.6902, 8.2156, 32.8679
YIQ	81.7560, -18.4830, 32.1170

Conversions

Conversions Part 2

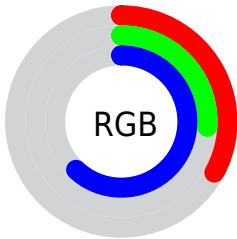
Format	Color
R_{YB}	84, 66, 157
Decimal	5522077
CIE Lab	34.43, 31.29, -47.22
CIE LCh	34, 56.647, 303.534
Yxy	8.2156, 0.2215, 0.1557
Android (android.graphics.Color)	4283712157 (0xFF54429D)
YUV	81.7560, 37.0953, 1.9680
Hunter-Lab	28.6628, 22.6416, -47.9244

Details

The Android color **4283712157** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287339842**, and the grayscale version is **4283519313**.

A 20% lighter version of the original color is **4287263700**, and **4279965289** is the 20% darker color. If you saturate the color by 10%, you get **4282856093**, and if you desaturate by 10%, it is **4284568221**.

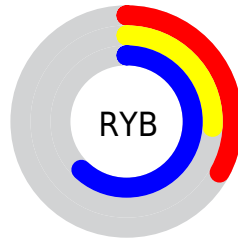
Distribution



Red (33%)

Green (26%)

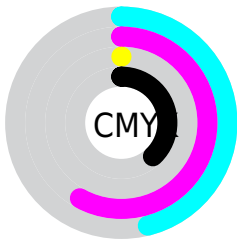
Blue (62%)



Red (33%)

Yellow (26%)

Blue (62%)

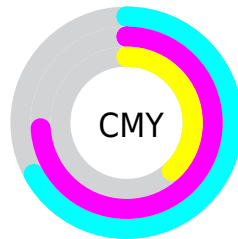


Cyan (46%)

Magenta (58%)

Yellow (0%)

Black (38%)



Cyan (67%)

Magenta (74%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283712157 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 4283712157 by changing the saturation by 10% instead.



4283712157



4283712157

4294967295



4281936770



4287263700



4279965289



4289105137



4278190160



4290947071



4278190136



4292854527



4278190626



4294827775



4278190088



4294966271



4278190080



4283712157



4283712157



4282856093



4284568221

■ 4282065821

■ 4285358493

■ 4281209757

■ 4286214557

■ 4280419229

■ 4287005085

■ 4280221853

■ 4287861149

■ 4288716957

■ 4289507485

■ 4290363549

■ 4291153821

Harmonies

Analogous

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



4278212012



4283712157



4287244154

Triad

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



4283712157



4286725888



4278215765

Complementary

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



4283712157



4287339842

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.



4278215206



4283712157



4284436736

Square

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



4283712157



4288226594



4281293824



4278215810

Rectangle

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



4283712157



4288288093



4281293824



4278215749

Sweetspot

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



4283712157



4289767884



4282551453



4283847270



4293322470



4284900966

Same Dimension

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



4283712157



4284038604



4286595741



4282992463



4280025231



4278386703

Inverse Universe

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



4288496267



4291575216



4284456258



4283385677



4287561843



4279173132

Previews

White Background



This preview shows how the Android color 4283712157 looks on a white background.

Color Contrast Check

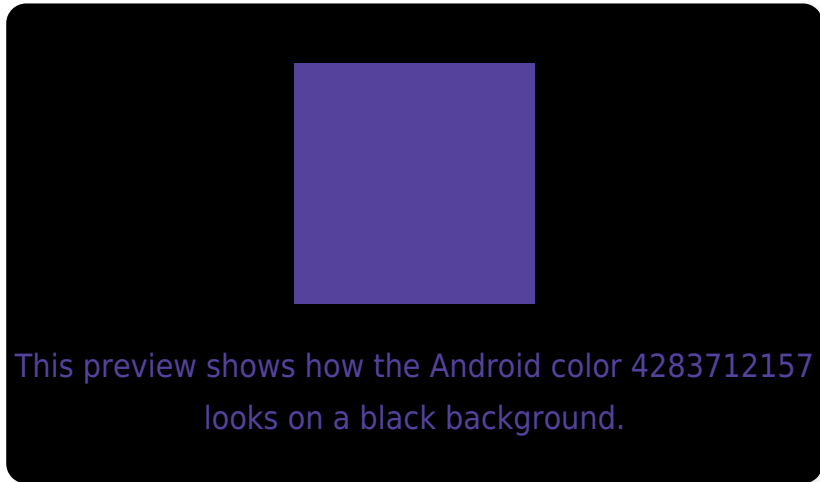
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4283712157 Background



This preview shows how black text looks on a background with the Android color 4283712157.



This preview shows how white text looks on a background with the Android color 4283712157.

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
4283712157

Protanomaly
4280240803

Tritanomaly
4282994035

Monochromacy



Original Color
4283712157

Achromatopsia
4283585106

Achromatomaly
4283649133

CSS Examples

Text

The CSS property to change the color of the text to Android 4283712157 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(84, 66, 157)` looks like.

```
.text, #text, p{  
    color:rgb(84, 66, 157)  
}
```

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(84, 66, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 66, 157) }
```

Border

The CSS property to change the border of an element to Android 4283712157 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(84, 66, 157) }
```

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

```
.border{ border-color:rgb(84, 66, 157) }
```

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

Here you see how a box with a 4 pixel rgb(84, 66, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 66, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 66, 157);  
box-shadow:4px 4px 4px 4px rgb(84, 66,  
157) }
```

Background

The CSS property to change the background color of an element to Android 4283712157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 66, 157) }
```

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

```
.background{ background-color: rgb(84, 66,  
157) }
```

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