

Converting Colors

Android(4283191467)

Have a look what the booklet for
Android(4283191467) contains.

Android(4283191467)	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(4283191467)

Conversions

Conversions Part 1

Format	Color
Hex	4C50AB
RGB	76, 80, 171
RGB Percent	30%, 31%, 67%
CMY	0.7020, 0.6863, 0.3294
CMYK	0.56, 0.53, 0.00, 0.33
HSL	237°, 38%, 48%
HSV	237°, 56%, 67%
XYZ	13.1998, 10.2141, 39.8039
YIQ	89.1780, -31.5950, 27.4530

Conversions

Conversions Part 2

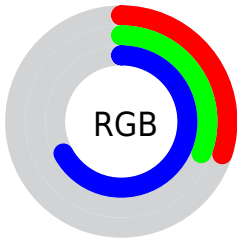
Format	Color
R_{YB}	76, 80, 171
Decimal	5001387
CIE _{Lab}	38.22, 25.20, -49.52
CIE _{LCh}	38, 55.561, 296.977
Yxy	10.2141, 0.2088, 0.1616
Android (android.graphics.Color)	4283191467 (0xFF4C50AB)
YUV	89.1780, 40.3382, -11.5571
Hunter-Lab	31.9595, 17.7945, -51.4710

Details

The Android color `4283191467` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4289439564`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4286874083`, and `4278330486` is the 20% darker color. If you saturate the color by 10%, you get `4282073259`, and if you desaturate by 10%, it is `4284309675`.

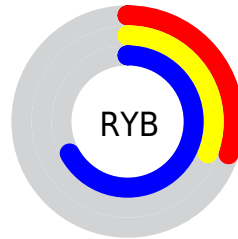
Distribution



Red (30%)

Green (31%)

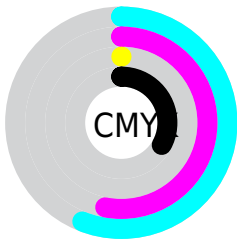
Blue (67%)



Red (30%)

Yellow (31%)

Blue (67%)

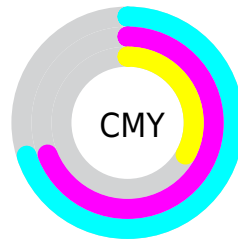


Cyan (56%)

Magenta (53%)

Yellow (0%)

Black (33%)



Cyan (70%)

Magenta (69%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283191467 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 4283191467 by changing the saturation by 10% instead.



4283191467



4283191467

4294967295



4281219472



4286874083



4278330486



4288715775



4278194269



4290623231



4278190148



4292530943



4278190893



4294438655



4278190359



4278190080



4283191467



4283191467



4282073259



4284309675

■ 4280954795

■ 4285428139

■ 4279836587

■ 4286546347

■ 4278718123

■ 4287664811

■ 4278192043

■ 4288783019

■ 4289966763

■ 4291085227

■ 4292203435

■ 4293321643

Harmonies

Analogous

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



4278215093



4283191467



4287314060

Triad

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



4283191467



4287775494



4278218068

Complementary

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



4283191467



4289439564

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.



4278217253



4283191467



4285617920

Square

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



4283191467



4289080628



4282802944



4278218370

Rectangle

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



4283191467



4288686448



4282802944



4278218052

Sweetspot

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



4283191467



4290296542



4283214758



4284111728



4293980400



4285558896

Same Dimension

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



4283191467



4282994654



4286008491



4283321943



4278191766



4278190359

Inverse Universe

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



4289416272



4292757839



4286622540



4283911758



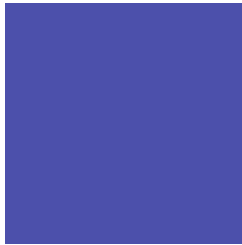
4288020486



4279697409

Previews

White Background



This preview shows how the Android color 4283191467 looks on a white background.

Color Contrast Check

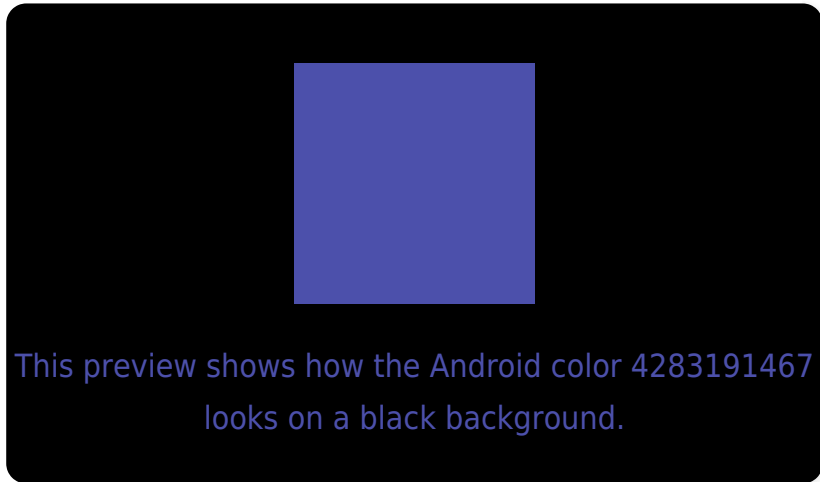
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4283191467 Background



This preview shows how black text looks on a background with the Android color 4283191467.



This preview shows how white text looks on a background with the Android color 4283191467.

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
4283191467

Protanomaly
4281291951

Deuteranomaly
4280047781

Tritanomaly
4282145665

Monochromacy



Original Color
4283191467

Achromatopsia
4284045657

Achromatomaly
4283717239

CSS Examples

Text

The CSS property to change the color of the text to Android 4283191467 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(76, 80, 171)` looks like.

```
.text, #text, p{  
    color:rgb(76, 80, 171)  
}
```

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(76, 80, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 80, 171) }
```

Border

The CSS property to change the border of an element to Android 4283191467 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(76, 80, 171) }
```

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

```
.border{ border-color:rgb(76, 80, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 80, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 80, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 80, 171);  
box-shadow:4px 4px 4px 4px rgb(76, 80,  
171) }
```

Background

The CSS property to change the background color of an element to Android 4283191467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 80, 171) }
```

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

```
.background{ background-color: rgb(76, 80,  
171) }
```

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