

Converting Colors

Android(4283246215)

Have a look what the booklet for
Android(4283246215) contains.

Android(4283246215)	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(4283246215)

Conversions

Conversions Part 1

Format	Color
Hex	4D2687
RGB	77, 38, 135
RGB Percent	30%, 15%, 53%
CMY	0.6980, 0.8510, 0.4706
CMYK	0.43, 0.72, 0.00, 0.47
HSL	264°, 56%, 34%
HSV	264°, 72%, 53%
XYZ	8.1269, 4.7133, 23.4031
YIQ	60.7190, -7.8930, 38.4350

Conversions

Conversions Part 2

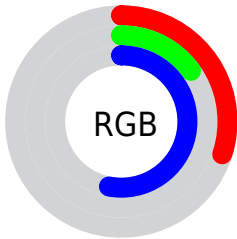
Format	Color
R_{YB}	77, 38, 135
Decimal	5056135
CIE _{Lab}	25.90, 39.66, -47.56
CIE _{LCh}	26, 61.928, 309.828
Yxy	4.7133, 0.2242, 0.1300
Android (android.graphics.Color)	4283246215 (0xFF4D2687)
YUV	60.7190, 36.6205, 14.2784
Hunter-Lab	21.7101, 28.8262, -48.7165

Details

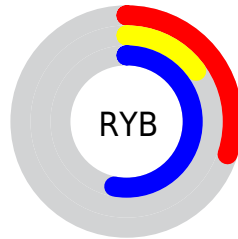
The Android color `4283246215` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4284516134`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4286797501`, and `4279500884` is the 20% darker color. If you saturate the color by 10%, you get `4282718599`, and if you desaturate by 10%, it is `4283774087`.

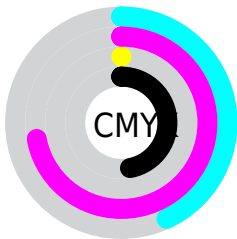
Distribution



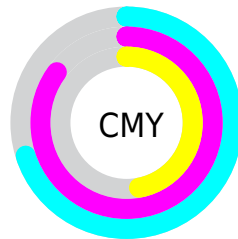
- Red (30%)
- Green (15%)
- Blue (53%)



- Red (30%)
- Yellow (15%)
- Blue (53%)



- Cyan (43%)
- Magenta (72%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (85%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283246215 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 4283246215 by changing the saturation by 10% instead.



4283246215



4283246215

4294967295



4281470317



4286797501



4279500884



4288573401



4278190140



4290480630



4278190629



4292322559



4278190350



4294295807



4278190080



4294958335



4294965759



4283246215



4283246215

■ 4282718599

■ 4283774087

■ 4282190727

■ 4284301703

■ 4281729159

■ 4284829575

■ 4285357191

■ 4285885063

■ 4286412679

■ 4287006087

■ 4287533703

■ 4288061575

Harmonies

Analogous

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



4278206364



4283246215



4286447711

Triad

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



4283246215



4284820992



4278210380

Complementary

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



4283246215



4284516134

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.



4278210074



4283246215



4282269952

Square

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



4283246215



4286644992



4278209024



4278210426

Rectangle

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



4283246215



4287234112



4278209024



4278210364

Sweetspot

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



4283246215



4288252336



4280705159



4283122265



4292467161



4284045657

Same Dimension

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



4283246215



4283767216



4286391943



4282268738



4281598082



4278255619

Inverse Universe

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



4287047264



4289730931



4281370406



4282530880



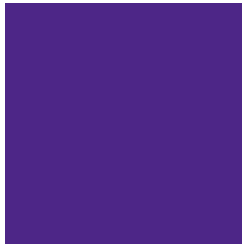
4286709838



4278386690

Previews

White Background



This preview shows how the Android color 4283246215 looks on a white background.

Color Contrast Check

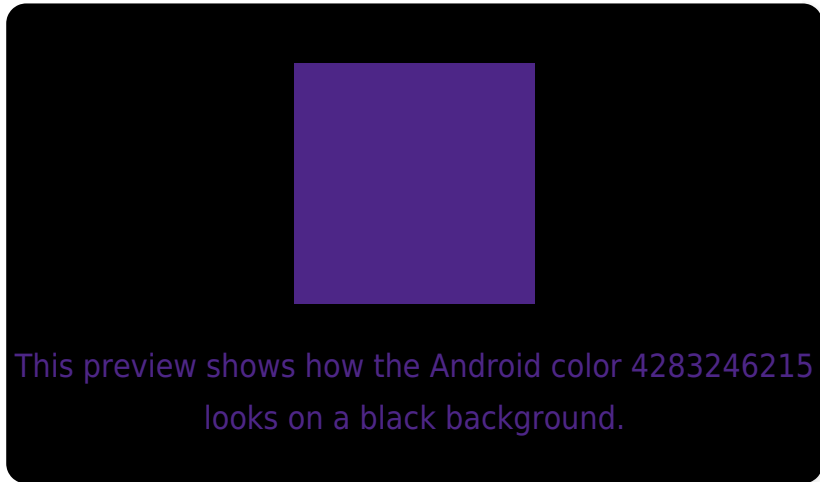
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283246215 Background



This preview shows how black text looks on a background with the Android color 4283246215.



This preview shows how white text looks on a background with the Android color 4283246215.

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



Original Color
4283246215

Protanopia
4278205566

Deuteranopia
4278206573

Trichromacy



Original Color
4283246215

Protanomaly
4280038529

Deuteranomaly
4280039286

Tritanomaly
4282594652

Monochromacy



Original Color
4283246215

Achromatopsia
4282203453

Achromatomaly
4282594648

CSS Examples

Text

The CSS property to change the color of the text to Android 4283246215 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(77, 38, 135)` looks like.

```
.text, #text, p{  
    color:rgb(77, 38, 135)  
}
```

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(77, 38, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 38, 135) }
```

Border

The CSS property to change the border of an element to Android 4283246215 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(77, 38, 135) }
```

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

```
.border{ border-color:rgb(77, 38, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 38, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 38, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 38, 135);  
box-shadow:4px 4px 4px 4px rgb(77, 38,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4283246215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 38, 135) }
```

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

```
.background{ background-color: rgb(77, 38,  
135) }
```

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