

Converting Colors

Android(4286137215)

Have a look what the booklet for
Android(4286137215) contains.

Android(4286137215)	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(4286137215)

Conversions

Conversions Part 1

Format	Color
Hex	79437F
RGB	121, 67, 127
RGB Percent	47%, 26%, 50%
CMY	0.5255, 0.7373, 0.5020
CMYK	0.05, 0.47, 0.00, 0.50
HSL	294°, 31%, 38%
HSV	294°, 47%, 50%
XYZ	13.7231, 9.6116, 21.2106
YIQ	89.9860, 12.9240, 30.1080

Conversions

Conversions Part 2

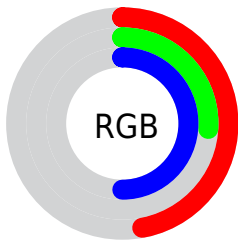
Format	Color
R_{YB}	121, 67, 127
Decimal	7947135
CIE _{Lab}	37.14, 33.27, -24.32
CIE _{LCh}	37, 41.215, 323.829
Yxy	9.6116, 0.3081, 0.2158
Android (android.graphics.Color)	4286137215 (0xFF79437F)
YUV	89.9860, 18.2479, 27.1993
Hunter-Lab	31.0025, 24.7575, -18.8619

Details

The Android color `4286137215` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4283006787`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4289689012`, and `4282782542` is the 20% darker color. If you saturate the color by 10%, you get `4286068351`, and if you desaturate by 10%, it is `4286206079`.

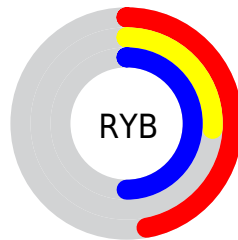
Distribution



Red (47%)

Green (26%)

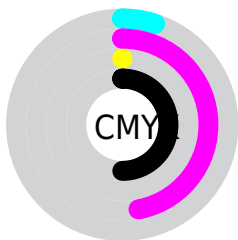
Blue (50%)



Red (47%)

Yellow (26%)

Blue (50%)

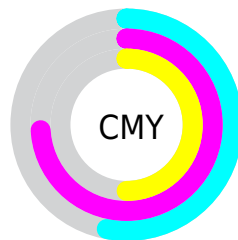


Cyan (5%)

Magenta (47%)

Yellow (0%)

Black (50%)



Cyan (53%)

Magenta (74%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286137215 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 4286137215 by changing the saturation by 10% instead.



4286137215



4286137215

4294967295



4284427110



4289689012



4282782542



4291530704



4281204790



4293372652



4279828513



4294952447



4278190085



4294959871



4278190080



4286137215



4286137215



4286068351



4286206079



4285934207



4286340223

■ 4285865343

■ 4286409087

■ 4285796479

■ 4286477951

■ 4285727615

■ 4286546815

■ 4285661311

■ 4286680959

■ 4286749823

■ 4286818687

■ 4286887295

Harmonies

Analogous

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



4283126164



4286137215



4287641952

Triad

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



4286137215



4285420302



4278216561

Complementary

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



4286137215



4283006787

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.



4278216527



4286137215



4283391252

Square

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



4286137215



4286989858



4280509486



4278215820

Rectangle

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



4286137215



4287903817



4280509486



4278216550

Sweetspot

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



4286137215



4288909222



4282599807



4283647572



4292138196



4283716692

Same Dimension

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



4286137215



4288432038



4286530407



4282333504



4285726848



4278190080

Inverse Universe

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



4286530377



4289087313



4282613595



4282399034



4286578701



4278190080

Previews

White Background



This preview shows how the Android color 4286137215 looks on a white background.

Color Contrast Check

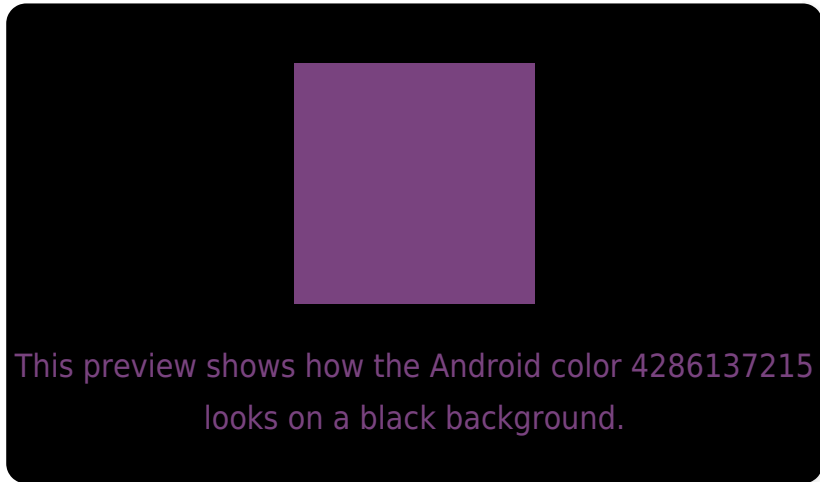
Large Text (above 18pt) WCAG AA ✓ Pass

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

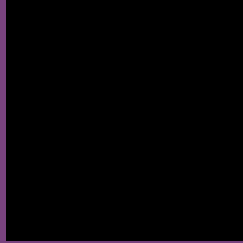
Any Text WCAG AA × Fail

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 4286137215 Background



This preview shows how black text looks on a background with the Android color 4286137215.



This preview shows how white text looks on a background with the Android color 4286137215.

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
4286137215

Protanopia
4282472079

Deuteranopia
4283127675

Trichromacy



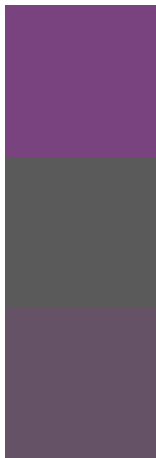
Original Color
4286137215

Protanomaly
4283781001

Deuteranomaly
4284239996

Tritanomaly
4285876579

Monochromacy



Original Color
4286137215

Achromatopsia
4284111450

Achromatomaly
4284830311

CSS Examples

Text

The CSS property to change the color of the text to Android 4286137215 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(121, 67, 127)` looks like.

```
.text, #text, p{  
    color:rgb(121, 67, 127)  
}
```

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(121, 67, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 67, 127) }
```

Border

The CSS property to change the border of an element to Android 4286137215 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(121, 67, 127) }
```

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

```
.border{ border-color:rgb(121, 67, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 67, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 67, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 67, 127);  
box-shadow:4px 4px 4px 4px rgb(121, 67,  
127) }
```

Background

The CSS property to change the background color of an element to Android 4286137215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 67, 127) }
```

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

```
.background{ background-color: rgb(121, 67,  
127) }
```

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