

Converting Colors

Android(4286203832)

Have a look what the booklet for
Android(4286203832) contains.

Android(4286203832)	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(4286203832)

Conversions

Conversions Part 1

Format	Color
Hex	7A47B8
RGB	122, 71, 184
RGB Percent	48%, 28%, 72%
CMY	0.5216, 0.7216, 0.2784
CMYK	0.34, 0.61, 0.00, 0.28
HSL	267°, 44%, 50%
HSV	267°, 61%, 72%
XYZ	18.9310, 12.1047, 46.6861
YIQ	99.1310, -5.8770, 45.9550

Conversions

Conversions Part 2

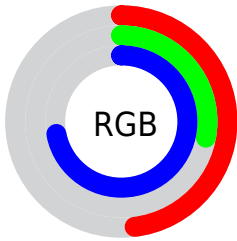
Format	Color
R_{YB}	122, 71, 184
Decimal	8013752
CIE _{Lab}	41.38, 44.66, -51.88
CIE _{LCh}	41, 68.455, 310.725
Y _{xy}	12.1047, 0.2436, 0.1557
Android (android.graphics.Color)	4286203832 (0xFF7A47B8)
YUV	99.1310, 41.8404, 20.0561
Hunter-Lab	34.7919, 36.2399, -55.2050

Details

The Android color `4286203832` is a dark color, and the websafe version is hex `663399`. A complement of this color would be `4286953543`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4289886961`, and `4282586498` is the 20% darker color. If you saturate the color by 10%, you get `4285543864`, and if you desaturate by 10%, it is `4286863800`.

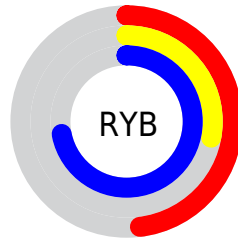
Distribution



Red (48%)

Green (28%)

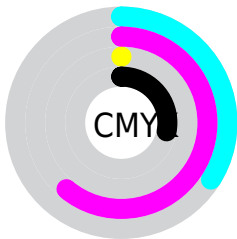
Blue (72%)



Red (48%)

Yellow (28%)

Blue (72%)

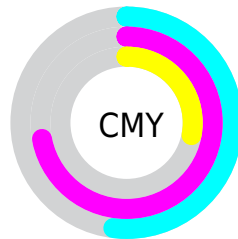


Cyan (34%)

Magenta (61%)

Yellow (0%)

Black (28%)



Cyan (52%)

Magenta (72%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286203832 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 4286203832 by changing the saturation by 10% instead.

 4286203832

 4286203832

4294967295

 4284427933

 4289886961

 4282586498

 4291794175

 4280746088

 4293701887

 4278714448

 4294953983

 4278190136

 4294961407

 4278190625

 4278190086

 4278190080

 4286203832

 4286203832

■ 4285543864

■ 4286863800

■ 4284883640

■ 4287524024

■ 4284223672

■ 4288183992

■ 4283629752

■ 4288844216

■ 4289504184

■ 4290229688

■ 4290889912

■ 4291549880

■ 4292210104

Harmonies

Analogous

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



4278215378



4286203832



4289798024

Triad

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



4286203832



4287910144



4278221173

Complementary

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



4286203832



4286953543

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.



4278220602



4286203832



4284835328

Square

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



4286203832



4290064665



4280119552



4278220970

Rectangle

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



4286203832



4290773347



4280119552



4278221153

Sweetspot

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



4286203832



4292396528



4282877368



4285095288



4294440951



4286085240

Same Dimension

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



4286203832



4287512304



4289873848



4283913052



4282777756



4279042076

Inverse Universe

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



4290267013



4293934752



4283283527



4284240728



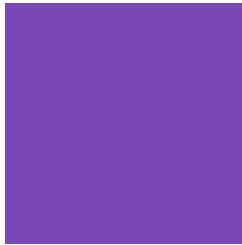
4288413781



4280025103

Previews

White Background



This preview shows how the Android color 4286203832 looks on a white background.

Color Contrast Check

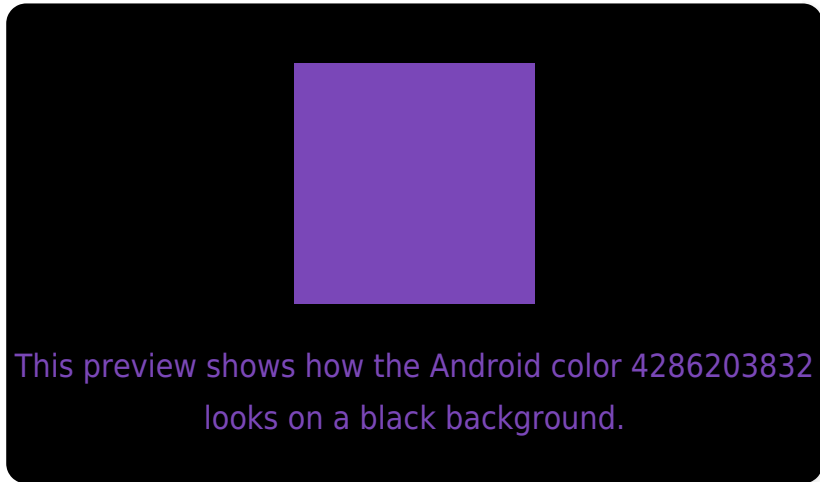
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286203832 Background



This preview shows how black text looks on a background with the Android color 4286203832.



This preview shows how white text looks on a background with the Android color 4286203832.

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
4286203832

Protanopia
4278214344

Deuteranopia
4278215856

Trichromacy



Original Color
4286203832

Protanomaly
4281095874

Deuteranomaly
4281096627

Tritanomaly
4285552260

Monochromacy



Original Color
4286203832

Achromatopsia
4284703587

Achromatomaly
4285225346

CSS Examples

Text

The CSS property to change the color of the text to Android 4286203832 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(122, 71, 184)` looks like.

```
.text, #text, p{  
    color:rgb(122, 71, 184)  
}
```

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(122, 71, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 71, 184) }
```

Border

The CSS property to change the border of an element to Android 4286203832 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(122, 71, 184) }
```

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

```
.border{ border-color:rgb(122, 71, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 71, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 71, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 71, 184); box-shadow:4px 4px 4px 4px rgb(122, 71, 184) }
```

Background

The CSS property to change the background color of an element to Android 4286203832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 71, 184) }
```

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

```
.background{ background-color: rgb(122, 71,  
184) }
```

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