

Converting Colors

Android(4286934728)

Have a look what the booklet for
Android(4286934728) contains.

Android(4286934728)	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(4286934728)

Conversions

Conversions Part 1

Format	Color
Hex	856EC8
RGB	133, 110, 200
RGB Percent	52%, 43%, 78%
CMY	0.4784, 0.5686, 0.2157
CMYK	0.33, 0.45, 0.00, 0.22
HSL	255°, 45%, 61%
HSV	255°, 45%, 78%
XYZ	25.6741, 20.3085, 57.2103
YIQ	127.1370, -15.1820, 32.8660

Conversions

Conversions Part 2

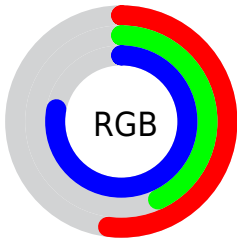
Format	Color
R_{YB}	133, 110, 200
Decimal	8744648
CIE _{Lab}	52.18, 29.32, -43.83
CIE _{LCh}	52, 52.728, 303.778
Yxy	20.3085, 0.2488, 0.1968
Android (android.graphics.Color)	4286934728 (0xFF856EC8)
YUV	127.1370, 35.9215, 5.1419
Hunter-Lab	45.0650, 22.8301, -43.7236

Details

The Android color `4286934728` is a dark color, and the websafe version is hex `6666CC`. A complement of this color would be `4289841262`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4290552575`, and `4283383441` is the 20% darker color. If you saturate the color by 10%, you get `4285946568`, and if you desaturate by 10%, it is `4287922888`.

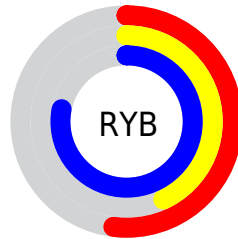
Distribution



Red (52%)

Green (43%)

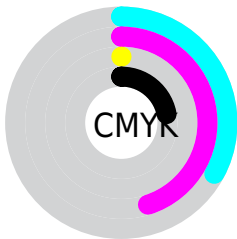
Blue (78%)



Red (52%)

Yellow (43%)

Blue (78%)

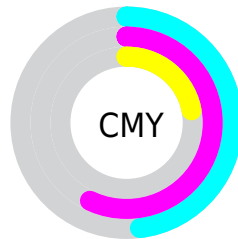


Cyan (33%)

Magenta (45%)

Yellow (0%)

Black (22%)



Cyan (48%)

Magenta (57%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286934728 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 4286934728 by changing the saturation by 10% instead.

 4286934728

 4286934728

4294967295

 4285158828

 4290552575

 4283383441

 4292460031

 4281673591

 4294367743

 4279767646

 4294964991

 4278190150

 4278191151

 4278190361

 4278190080

 4286934728

 4286934728

 4285946568

 4287922888

 4284958408

 4288911048


 4283970248

 4289899208

 4282982088

 4290887368

 4282059464

 4291809992

 4281532616

 4292798152

 4293786312

 4294770632

 4294967240

Harmonies

Analogous

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



4278485207



4286934728



4290272165

Triad

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



4286934728



4289948457



4278227585

Complementary

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



4286934728



4289841262

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.



4278357842



4286934728



4287593495

Square

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



4286934728



4291451213



4284516395



4278227374

Rectangle

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



4286934728



4291384200



4284516395



4278227313

Sweetspot

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



4286934728



4293188607



4285444808



4285491840



4278190080



4286611584

Same Dimension

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



4286934728



4288181759



4289883848



4284242531



4280942755



4278779940

Inverse Universe

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



4291325617



4294931932



4286957678



4284701281



4288872569



4280549403

Previews

White Background



This preview shows how the Android color 4286934728 looks on a white 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

Black Background



This preview shows how the Android color 4286934728 looks on a black 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

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

Android 4286934728 Background



This preview shows how black text looks on a background with the Android color 4286934728.



This preview shows how white text looks on a background with the Android color 4286934728.

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
4286934728

Protanomaly
4285036239

Deuteranomaly
4284905670

Tritanomaly
4286347423

Monochromacy



Original Color
4286934728

Achromatopsia
4286545791

Achromatomaly
4286675354

CSS Examples

Text

The CSS property to change the color of the text to Android 4286934728 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(133, 110, 200)` looks like.

```
.text, #text, p{  
    color:rgb(133, 110, 200)  
}
```

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(133, 110, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 110, 200) }
```

Border

The CSS property to change the border of an element to Android 4286934728 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(133, 110, 200) }
```

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

```
.border{ border-color:rgb(133, 110, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 110, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 110, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 110, 200);  
box-shadow:4px 4px 4px 4px rgb(133, 110,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4286934728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 110, 200) }
```

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

```
.background{ background-color: rgb(133,  
110, 200) }
```

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