

Converting Colors

Android(4286995144)

Have a look what the booklet for
Android(4286995144) contains.

Android(4286995144)	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(4286995144)

Conversions

Conversions Part 1

Format	Color
Hex	865AC8
RGB	134, 90, 200
RGB Percent	53%, 35%, 78%
CMY	0.4745, 0.6471, 0.2157
CMYK	0.33, 0.55, 0.00, 0.22
HSL	264°, 50%, 57%
HSV	264°, 55%, 78%
XYZ	23.9130, 16.5508, 56.5778
YIQ	115.6960, -9.0860, 43.5380

Conversions

Conversions Part 2

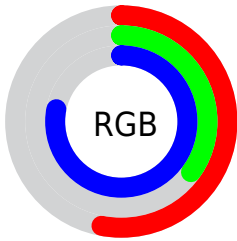
Format	Color
R_{YB}	134, 90, 200
Decimal	8805064
CIE _{Lab}	47.69, 41.13, -50.98
CIE _{LCh}	48, 65.501, 308.893
Yxy	16.5508, 0.2464, 0.1706
Android (android.graphics.Color)	4286995144 (0xFF865AC8)
YUV	115.6960, 41.5619, 16.0526
Hunter-Lab	40.6827, 33.7265, -53.9774

Details

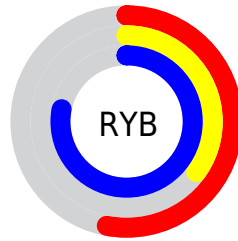
The Android color `4286995144` is a dark color, and the websafe version is hex `9966CC`. The color can be described as middle muted purple. A complement of this color would be `4288464986`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4290678271`, and `4283378065` is the 20% darker color. If you saturate the color by 10%, you get `4286203592`, and if you desaturate by 10%, it is `4287786696`.

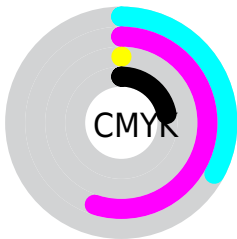
Distribution



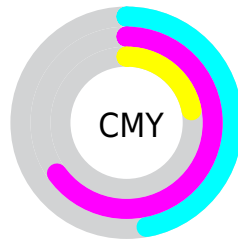
- Red (53%)
- Green (35%)
- Blue (78%)



- Red (53%)
- Yellow (35%)
- Blue (78%)



- Cyan (33%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)



- Cyan (47%)
- Magenta (65%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286995144 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 4286995144 by changing the saturation by 10% instead.

 4286995144

 4286995144

4294967295

 4285219244

 4290678271

 4283378065

 4292585727

 4281602423

 4294558975

 4279500894

 4294959359

 4278190149

 4294966783

 4278191150

 4278190360

 4278190080

 4286995144

 4286995144

4286203592

4287786696

4285412040

4288578248

4284620488

4289369800

4283828936

4290161352

4283433160

4290952904

4291744456

4292536008

4293327560

4294115272

Harmonies

Analogous

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



4278219743



4286995144



4290657434

Triad

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



4286995144



4289224704



4278225537

Complementary

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



4286995144



4288464986

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.



4278224711



4286995144



4286215168

Square

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



4286995144



4291249198



4282155267



4278225078

Rectangle

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



4286995144



4291768182



4282155267



4278225261

Sweetspot

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



4286995144



4293252351



4284128456



4285556352



4278190080



4286611584

Same Dimension

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



4286995144



4288305151



4290599624



4284308067



4282450083



4279107620

Inverse Universe

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



4291320476



4294924220



4284860506



4284701279



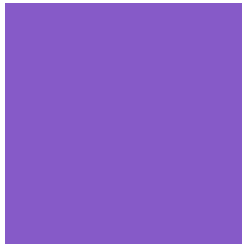
4288872546



4280549397

Previews

White Background



This preview shows how the Android color 4286995144 looks on a white background.

Color Contrast Check

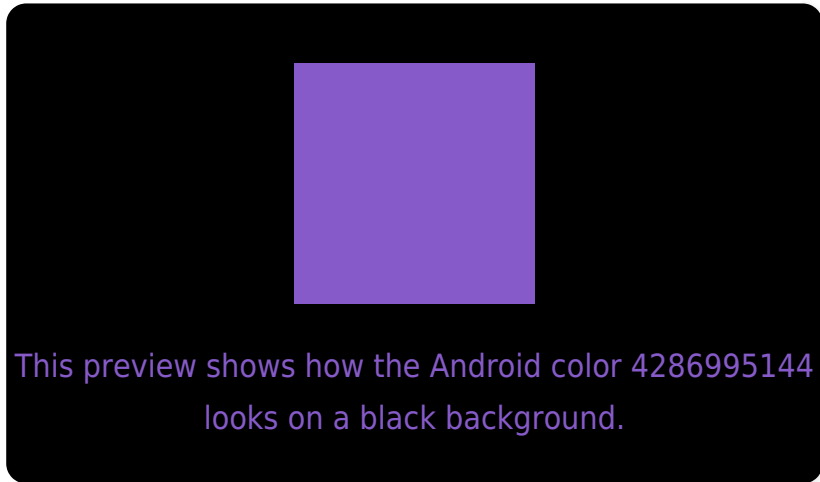
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286995144 Background



This preview shows how black text looks on a background with the Android color 4286995144.



This preview shows how white text looks on a background with the Android color 4286995144.

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
4286995144

Protanomaly
4283394005

Deuteranomaly
4283525573

Tritanomaly
4286343061

Monochromacy



Original Color
4286995144

Achromatopsia
4285822068

Achromatomaly
4286278547

CSS Examples

Text

The CSS property to change the color of the text to Android 4286995144 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(134, 90, 200)` looks like.

```
.text, #text, p{  
    color:rgb(134, 90, 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(134, 90, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 90, 200) }
```

Border

The CSS property to change the border of an element to Android 4286995144 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(134, 90, 200) }
```

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

```
.border{ border-color:rgb(134, 90, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 90, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 90, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 90, 200);  
box-shadow:4px 4px 4px 4px rgb(134, 90,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4286995144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 90, 200) }
```

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

```
.background{ background-color: rgb(134, 90,  
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