

Converting Colors

Android(4287786977)

Have a look what the booklet for
Android(4287786977) contains.

Android(4287786977)	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(4287786977)

Conversions

Conversions Part 1

Format	Color
Hex	926FE1
RGB	146, 111, 225
RGB Percent	57%, 44%, 88%
CMY	0.4275, 0.5647, 0.1176
CMYK	0.35, 0.51, 0.00, 0.12
HSL	258°, 66%, 66%
HSV	258°, 51%, 88%
XYZ	31.1291, 22.9161, 74.0167
YIQ	134.4610, -15.7340, 42.8740

Conversions

Conversions Part 2

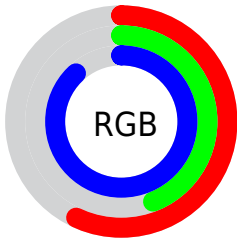
Format	Color
R _Y B	146, 111, 225
Decimal	9596897
CIE _{Lab}	54.99, 38.68, -53.47
CIE _{LCh}	55, 65.988, 305.883
Y _{xy}	22.9161, 0.2431, 0.1789
Android (android.graphics.Color)	4287786977 (0xFF926FE1)
YUV	134.4610, 44.6357, 10.1197
Hunter-Lab	47.8708, 32.3000, -58.1633

Details

The Android color `4287786977` is a light color, and the websafe version is hex `9966CC`. A complement of this color would be `4290699631`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4291535871`, and `4284104361` is the 20% darker color. If you saturate the color by 10%, you get `4286732769`, and if you desaturate by 10%, it is `4288841441`.

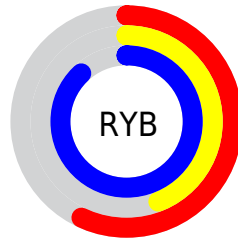
Distribution



Red (57%)

Green (44%)

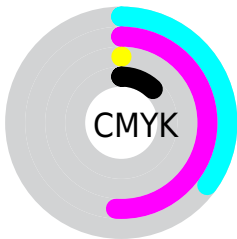
Blue (88%)



Red (57%)

Yellow (44%)

Blue (88%)

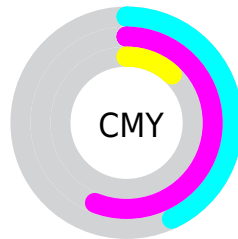


Cyan (35%)

Magenta (51%)

Yellow (0%)

Black (12%)



Cyan (43%)

Magenta (56%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287786977 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 4287786977 by changing the saturation by 10% instead.

 4287786977

 4287786977

4294967295

 4285945541

 4291535871

 4284104361

 4293443583

 4282263438

 4294958079

 4280225908

 4294965503

 4278190171

 4278190146

 4278190891

 4278190357

 4278190080

■ 4287786977

■ 4287786977

■ 4286732769

■ 4288841441

■ 4285743841

■ 4289830113

■ 4284689633

■ 4290884577

■ 4283700705

■ 4291873249

■ 4282712289

■ 4292927713

■ 4293981921

■ 4294967265

Harmonies

Analogous

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



4278224886



4287786977



4291842995

Triad

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



4287786977



4290932491



4278230670

Complementary

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



4287786977



4290699631

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.



4278229586



4287786977



4287923456

Square

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



4287786977



4292957508



4283929367



4278230469

Rectangle

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



4287786977



4293150606



4283929367



4278230394

Sweetspot

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



4287786977



4293188095



4285513697



4285557120



4278190080



4286611584

Same Dimension

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



4287786977



4287849471



4291456993



4285031792



4281729200



4279173168

Inverse Universe

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



4292964286



4294927311



4287029615



4285556077



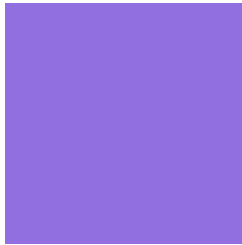
4289724538



4281335842

Previews

White Background



This preview shows how the Android color 4287786977 looks on a white background.

Color Contrast Check

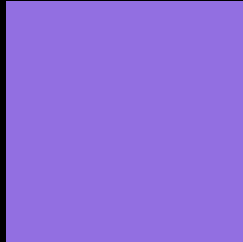
Large Text (above 18pt) WCAG AA ✓ Pass

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 4287786977 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 4287786977 Background



This preview shows how black text looks on a background with the Android color 4287786977.

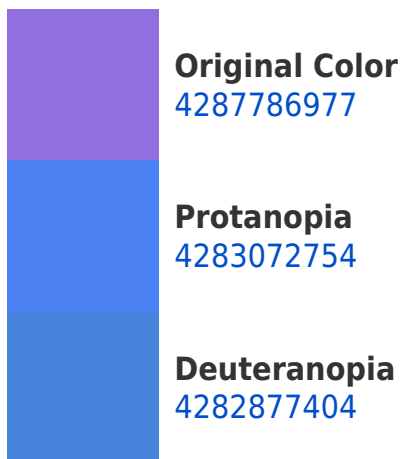


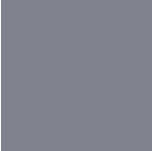
This preview shows how white text looks on a background with the Android color 4287786977.

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





Tritanopia
4286612366

Trichromacy



Original Color

4287786977



Protanomaly

4284775148



Deuteranomaly

4284644830



Tritanomaly

4287069356

Monochromacy



Original Color

4287786977



Achromatopsia

4287006342



Achromatomaly

4287266471

CSS Examples

Text

The CSS property to change the color of the text to Android 4287786977 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(146, 111, 225)` looks like.

```
.text, #text, p{  
    color:rgb(146, 111, 225)  
}
```

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(146, 111, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 111, 225) }
```

Border

The CSS property to change the border of an element to Android 4287786977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

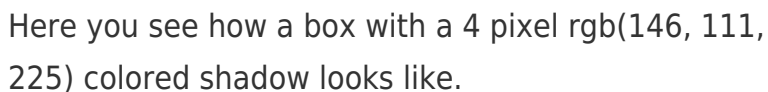
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(146, 111, 225) }
```

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

```
.border{ border-color:rgb(146, 111, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(146, 111, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 111, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 111, 225); box-shadow:4px 4px 4px 4px rgb(146, 111, 225) }
```

Background

The CSS property to change the background color of an element to Android 4287786977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 111, 225) }
```

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

```
.background{ background-color: rgb(146,  
111, 225) }
```

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