

Converting Colors

Android(4287178712)

Have a look what the booklet for
Android(4287178712) contains.

Android(4287178712)	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(4287178712)

Conversions

Conversions Part 1

Format	Color
Hex	8927D8
RGB	137, 39, 216
RGB Percent	54%, 15%, 85%
CMY	0.4627, 0.8471, 0.1529
CMYK	0.37, 0.82, 0.00, 0.15
HSL	273°, 69%, 50%
HSV	273°, 82%, 85%
XYZ	23.4367, 11.7273, 65.9941
YIQ	88.4800, 1.5910, 75.8230

Conversions

Conversions Part 2

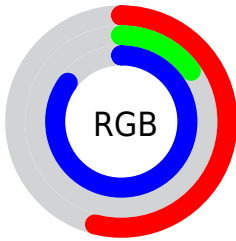
Format	Color
R _Y B	137, 39, 216
Decimal	8988632
CIE Lab	40.78, 68.80, -71.36
CIE LCh	41, 99.125, 313.953
Yxy	11.7273, 0.2317, 0.1159
Android (android.graphics.Color)	4287178712 (0xFF8927D8)
YUV	88.4800, 62.8674, 42.5520
Hunter-Lab	34.2451, 62.2332, -90.2868

Details

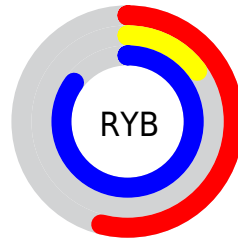
The Android color `4287178712` is a dark color, and the websafe version is hex `9900CC`. The color can be described as dark washed purple. A complement of this color would be `4285978663`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4291060479`, and `4283236512` is the 20% darker color. If you saturate the color by 10%, you get `4286517720`, and if you desaturate by 10%, it is `4287839704`.

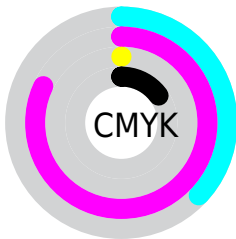
Distribution



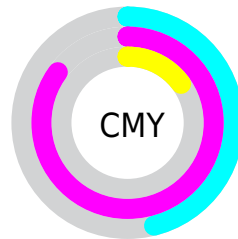
- Red (54%)
- Green (15%)
- Blue (85%)



- Red (54%)
- Yellow (15%)
- Blue (85%)



- Cyan (37%)
- Magenta (82%)
- Yellow (0%)
- Black (15%)



- Cyan (46%)
- Magenta (85%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287178712 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 4287178712 by changing the saturation by 10% instead.

 4287178712

 4287178712

4294967295

 4285202620

 4291060479

 4283236512

 4293033471

 4281073797

 4294941183

 4278190187

 4294948607

 4278190161

 4294956031

 4278191417

 4294963455

 4278190627

 4278190089

 4278190080

■ 4287178712

■ 4287178712

■ 4286517720

■ 4287839704

■ 4286054616

■ 4288434904

■ 4289095896

■ 4289756632

■ 4290352088

■ 4291013080

■ 4291608280

■ 4292269272

■ 4292930008

Harmonies

Analogous

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



4278215167



4287178712



4292018319

Triad

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



4287178712



4288236544



4278222214

Complementary

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



4287178712



4285978663

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.



4278221615



4287178712



4283590912

Square

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



4287178712



4291493888



4278220288



4278222546

Rectangle

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



4287178712



4293066842



4278220288



4278222185

Sweetspot

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



4287178712



4293115903



4280776664



4285421952



4278190080



4286611584

Same Dimension

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



4287178712



4287563263



4292356047



4284899435



4284416171



4279762987

Inverse Universe

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



4292355958



4294903157



4280801328



4285227109



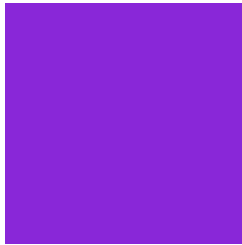
4289396812



4281008147

Previews

White Background



This preview shows how the Android color 4287178712 looks on a white background.

Color Contrast Check

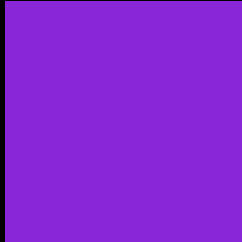
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287178712 looks on a 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 4287178712 Background



This preview shows how black text looks on a background with the Android color 4287178712.



This preview shows how white text looks on a background with the Android color 4287178712.

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

4287178712

Protanopia

4278214084

Deuteranopia

4278215594

Trichromacy



Original Color
4287178712



Protanomaly
4281485771



Deuteranomaly
4281486779



Tritanomaly
4286203788

Monochromacy



Original Color
4287178712



Achromatopsia
4283979864



Achromatomaly
4285154951

CSS Examples

Text

The CSS property to change the color of the text to Android 4287178712 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(137, 39, 216)` looks like.

```
.text, #text, p{  
    color:rgb(137, 39, 216)  
}
```

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(137, 39, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 39, 216) }
```

Border

The CSS property to change the border of an element to Android 4287178712 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(137, 39, 216) }
```

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

```
.border{ border-color:rgb(137, 39, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 39, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 39, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 39, 216);  
box-shadow:4px 4px 4px 4px rgb(137, 39,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4287178712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 39, 216) }
```

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

```
.background{ background-color: rgb(137, 39,  
216) }
```

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