

Converting Colors

Android(4282712783)

Have a look what the booklet for
Android(4282712783) contains.

Android(4282712783)	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(4282712783)

Conversions

Conversions Part 1

Format	Color
Hex	4502CF
RGB	69, 2, 207
RGB Percent	27%, 1%, 81%
CMY	0.7294, 0.9922, 0.1882
CMYK	0.67, 0.99, 0.00, 0.19
HSL	260°, 98%, 41%
HSV	260°, 99%, 81%
XYZ	13.7384, 5.8136, 59.4295
YIQ	45.4030, -25.8730, 77.9590

Conversions

Conversions Part 2

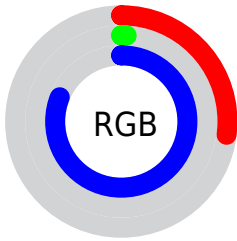
Format	Color
RYB	69, 2, 207
Decimal	4522703
CIELab	28.94, 68.71, -85.97
CIElCh	29, 110.052, 308.633
Yxy	5.8136, 0.1739, 0.0736
Android (android.graphics.Color)	4282712783 (0xFF4502CF)
YUV	45.4030, 79.6673, 20.6946
Hunter-Lab	24.1114, 59.5123, -129.2591

Details

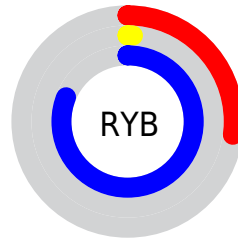
The Android color `4282712783` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4287418114`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4287121151`, and `4278190231` is the 20% darker color. If you saturate the color by 10%, you get `4282646735`, and if you desaturate by 10%, it is `4283635663`.

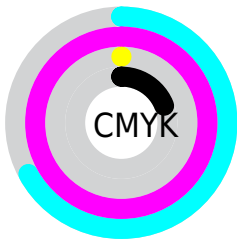
Distribution



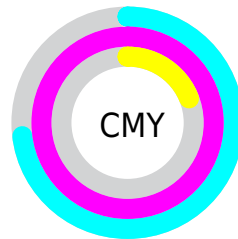
- Red (27%)
- Green (1%)
- Blue (81%)



- Red (27%)
- Yellow (1%)
- Blue (81%)



- Cyan (67%)
- Magenta (99%)
- Yellow (0%)
- Black (19%)



- Cyan (73%)
- Magenta (99%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282712783 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 4282712783 by changing the saturation by 10% instead.

 4282712783

 4282712783

4294967295

 4279304371

 4287121151

 4278190231

 4289225215

 4278190204

 4291263743

 4278190178

 4293302527

 4278192457

 4294948095

 4278191153

 4294955263

 4278190363

 4294962687

 4278190080

 4282712783

 4282712783

■ 4282646735

■ 4283635663

■ 4284558287

■ 4285481167

■ 4286404047

■ 4287326927

■ 4288249551

■ 4289172431

■ 4290029775

■ 4290952399

Harmonies

Analogous

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



4278210294



4282712783



4289790085

Triad

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



4282712783



4286783744



4278213980

Complementary

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



4282712783



4287418114

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.



4278213376



4282712783



4282272256

Square

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



4282712783



4289921024



4278212352



4278214833

Rectangle

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



4282712783



4291166285



4278212352



4278213694

Sweetspot

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



4282712783



4291605503



4278357711



4284568192



4278190080



4286611584

Same Dimension

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



4282712783



4283629823



4289266383



4284636777



4281794728



4279042089

Inverse Universe

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



4291756684



4294901932



4280864514



4285095525



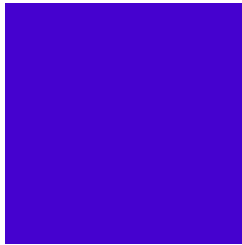
4289200241



4280877083

Previews

White Background



This preview shows how the Android color 4282712783 looks on a white background.

Color Contrast Check

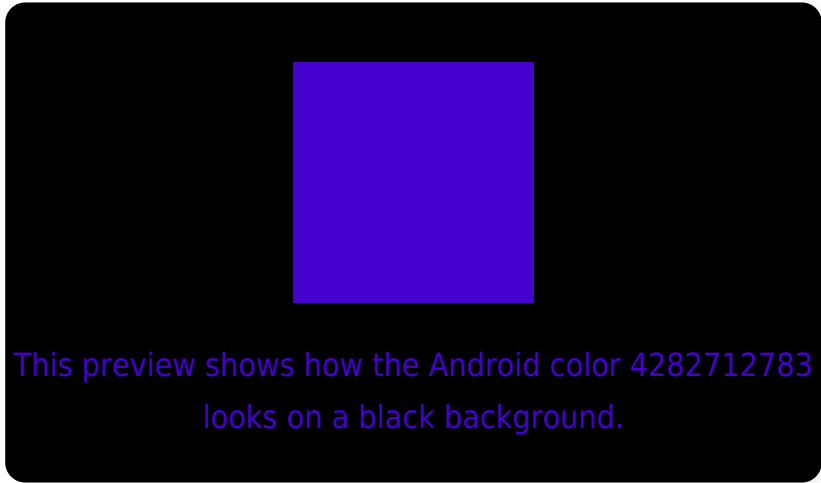
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

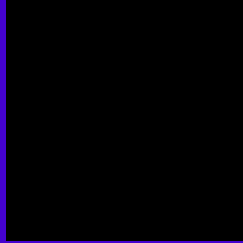
Any Text WCAG AA × Fail

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 4282712783 Background



This preview shows how black text looks on a background with the Android color 4282712783.



This preview shows how white text looks on a background with the Android color 4282712783.

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
4282712783

Protanopia
4278207630

Deuteranopia
4278208632

Trichromacy



Original Color
4282712783

Protanomaly
4279839910

Deuteranomaly
4279840664

Tritanomaly
4279841408

Monochromacy



Original Color
4282712783

Achromatopsia
4281150765

Achromatomaly
4281736552

CSS Examples

Text

The CSS property to change the color of the text to Android 4282712783 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(69, 2, 207)` looks like.

```
.text, #text, p{  
    color:rgb(69, 2, 207)  
}
```

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(69, 2, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 2, 207) }
```

Border

The CSS property to change the border of an element to Android 4282712783 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(69, 2, 207) }
```

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

```
.border{ border-color:rgb(69, 2, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 2, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 2, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 2, 207);  
box-shadow:4px 4px 4px 4px rgb(69, 2, 207)  
}
```

Background

The CSS property to change the background color of an element to Android 4282712783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 2, 207) }
```

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

```
.background{ background-color: rgb(69, 2,  
207) }
```

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