

Converting Colors

Android(4286709972)

Have a look what the booklet for
Android(4286709972) contains.

Android(4286709972)	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>	28

Color

Android(4286709972)

Conversions

Conversions Part 1

Format	Color
Hex	8200D4
RGB	130, 0, 212
RGB Percent	51%, 0%, 83%
CMY	0.4902, 1.0000, 0.1686
CMYK	0.39, 1.00, 0.00, 0.17
HSL	277°, 100%, 42%
HSV	277°, 100%, 83%
XYZ	21.0896, 9.4993, 63.0094
YIQ	63.0380, 9.4280, 93.4920

Conversions

Conversions Part 2

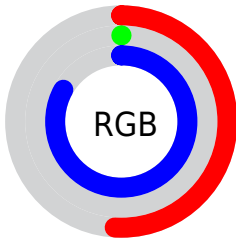
Format	Color
R_{YB}	130, 0, 212
Decimal	8519892
CIE _{Lab}	36.93, 74.56, -75.41
CIE _{LCh}	37, 106.047, 314.676
Yxy	9.4993, 0.2253, 0.1015
Android (android.graphics.Color)	4286709972 (0xFF8200D4)
YUV	63.0380, 73.4383, 58.7257
Hunter-Lab	30.8209, 68.2042, -99.6360

Details

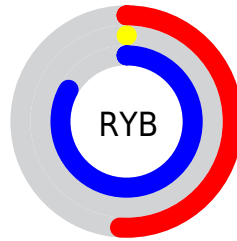
The Android color `4286709972` is a dark color, and the websafe version is hex `6600CC`. The color can be described as dark washed purple. A complement of this color would be `4283618304`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4290662399`, and `4282646684` is the 20% darker color. If you saturate the color by 10%, you get `4286709972`, and if you desaturate by 10%, it is `4287239636`.

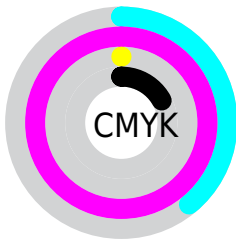
Distribution



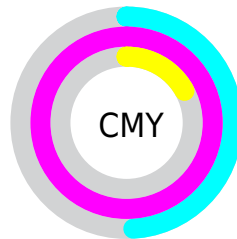
- Red (51%)
- Green (0%)
- Blue (83%)



- Red (51%)
- Yellow (0%)
- Blue (83%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (49%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286709972 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 4286709972 by changing the saturation by 10% instead.

 4286709972

 4286709972

4294967295

 4284743864

 4290662399

 4282646684

 4292635903

 4280221825

 4294674687

 4278190183

 4294944255

 4278190157

 4294951679

 4278191414

 4294959103

 4278190623

 4294966783

 4278190083

 4278190080

■ 4286709972

■ 4287239636

■ 4287769300

■ 4288364756

■ 4288894420

■ 4289424084

■ 4289953748

■ 4290483412

■ 4291078868

■ 4291608532

Harmonies

Analogous

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



4278212863



4286709972



4291821702

Triad

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



4286709972



4287447552



4278219649

Complementary

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



4286709972



4283618304

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.



4278219044



4286709972



4282540032

Square

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



4286709972



4290969600



4278217984



4278220241

Rectangle

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



4286709972



4292739151



4278217984



4278219619

Sweetspot

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



4286709972



4292981759



4278212052



4285420160



4278190080



4286611584

Same Dimension

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



4286709972



4288413951



4292083903



4284964971



4285071531



4279959595

Inverse Universe

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



4292083794



4294901859



4278244373



4285227109



4289396802



4281008145

Previews

White Background



This preview shows how the Android color 4286709972 looks on a white background.

Color Contrast Check

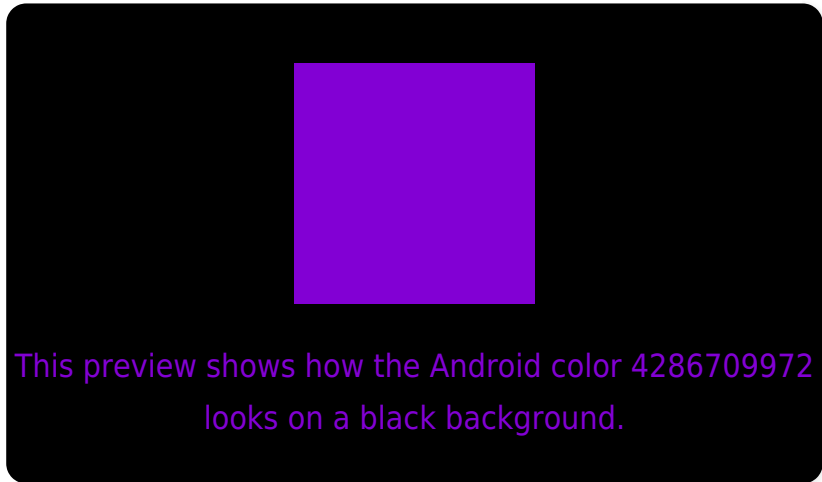
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286709972 Background



This preview shows how black text looks on a background with the Android color 4286709972.



This preview shows how white text looks on a background with the Android color 4286709972.

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
4286709972

Protanomaly
4281284544

Tritanomaly
4285674886

Monochromacy



Original Color
4286709972

Achromatopsia
4282335039

Achromatomaly
4283902069

CSS Examples

Text

The CSS property to change the color of the text to Android 4286709972 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(130, 0, 212)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 212)  
}
```

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(130, 0, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 212) }
```

Border

The CSS property to change the border of an element to Android 4286709972 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(130, 0, 212) }
```

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

```
.border{ border-color:rgb(130, 0, 212) }
```

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

Here you see how a box with a 4 pixel rgb(130, 0, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 0, 212);  
box-shadow:4px 4px 4px 4px rgb(130, 0,  
212) }
```

Background

The CSS property to change the background color of an element to Android 4286709972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 212) }
```

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

```
.background{ background-color: rgb(130, 0,  
212) }
```

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](#)