

Converting Colors

Android(4286090229)

Have a look what the booklet for
Android(4286090229) contains.

Android(4286090229)	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(4286090229)

Conversions

Conversions Part 1

Format	Color
Hex	788BF5
RGB	120, 139, 245
RGB Percent	47%, 55%, 96%
CMY	0.5294, 0.4549, 0.0392
CMYK	0.51, 0.43, 0.00, 0.04
HSL	231°, 86%, 72%
HSV	231°, 51%, 96%
XYZ	33.4598, 29.0509, 90.2301
YIQ	145.4030, -45.3500, 28.9380

Conversions

Conversions Part 2

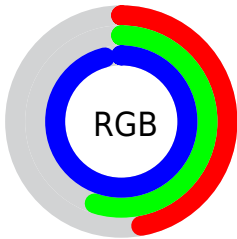
Format	Color
R _Y B	120, 136, 245
Decimal	7900149
CIE Lab	60.83, 21.90, -55.40
CIE LCh	61, 59.568, 291.568
Yxy	29.0509, 0.2191, 0.1902
Android (android.graphics.Color)	4286090229 (0xFF788BF5)
YUV	145.4030, 49.1013, -22.2784
Hunter-Lab	53.8989, 16.4877, -61.5259

Details

The Android color `4286090229` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4294304376`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4289970431`, and `4282014140` is the 20% darker color. If you saturate the color by 10%, you get `4284511989`, and if you desaturate by 10%, it is `4287734005`.

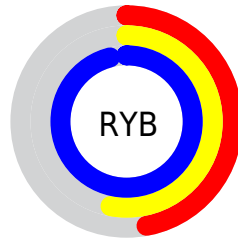
Distribution



Red (47%)

Green (55%)

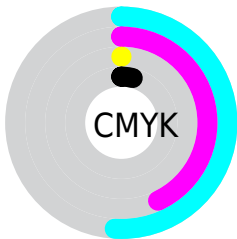
Blue (96%)



Red (47%)

Yellow (53%)

Blue (96%)

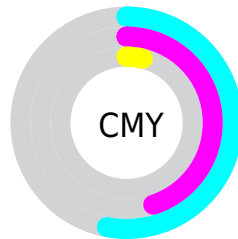


Cyan (51%)

Magenta (43%)

Yellow (0%)

Black (4%)



Cyan (53%)

Magenta (45%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286090229 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 4286090229 by changing the saturation by 10% instead.

 4286090229

 4286090229

4294967295

 4284117720

 4289970431

 4282014140

 4291878143

 4278993569

 4293851391

 4278201734

 4278196588

 4278190163

 4278191675

 4278190628

 4278190092

■ 4286090229

■ 4286090229

■ 4284511989

■ 4287734005

■ 4282868213

■ 4289312245

■ 4281290229

■ 4290955765

■ 4279646453

■ 4292534005

■ 4278199797

■ 4294177781

■ 4294967285

Harmonies

Analogous

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



4278230523



4286090229



4291065045

Triad

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



4286090229



4292834881



4278233986

Complementary

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



4286090229



4294304376

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.



4282820174



4286090229



4290415392

Square

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



4286090229



4294075503



4287208230



4278234296

Rectangle

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



4286090229



4292962229



4287208230



4278233712

Sweetspot

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



4286090229



4292468735



4286117344



4285099136



4278190080



4286611584

Same Dimension

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



4286090229



4284709887



4288837877



4285427834



4278197434



4278192443

Inverse Universe

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



4294277259



4294927227



4291556728



4286213744



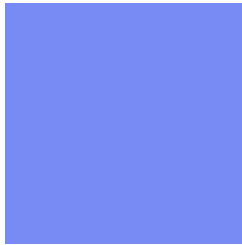
4290379804



4282056713

Previews

White Background



This preview shows how the Android color 4286090229 looks on a white background.

Color Contrast Check

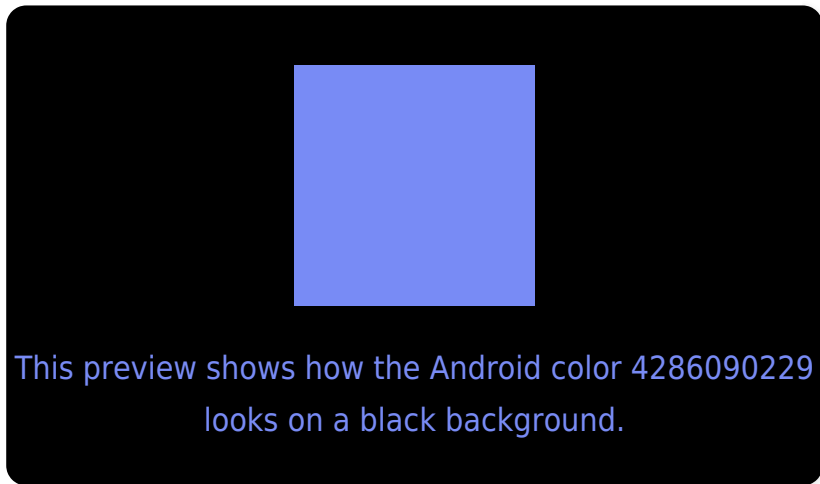
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4286090229 Background



This preview shows how black text looks on a background with the Android color 4286090229.



This preview shows how white text looks on a background with the Android color 4286090229.

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
4286090229

Protanomaly
4285304568

Deuteranomaly
4284518644

Tritanomaly
4285044420

Monochromacy



Original Color
4286090229

Achromatopsia
4287730065

Achromatomaly
4287139765

CSS Examples

Text

The CSS property to change the color of the text to Android 4286090229 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(120, 139, 245)` looks like.

```
.text, #text, p{  
    color:rgb(120, 139, 245)  
}
```

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(120, 139, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 139, 245) }
```

Border

The CSS property to change the border of an element to Android 4286090229 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(120, 139, 245) }
```

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

```
.border{ border-color:rgb(120, 139, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 139, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 139, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 139, 245); box-shadow:4px 4px 4px 4px rgb(120, 139, 245) }
```

Background

The CSS property to change the background color of an element to Android 4286090229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 139, 245) }
```

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

```
.background{ background-color: rgb(120,  
139, 245) }
```

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