

Converting Colors

Android(4286940642)

Have a look what the booklet for
Android(4286940642) contains.

Android(4286940642)	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(4286940642)

Conversions

Conversions Part 1

Format	Color
Hex	8585E2
RGB	133, 133, 226
RGB Percent	52%, 52%, 89%
CMY	0.4784, 0.4784, 0.1137
CMYK	0.41, 0.41, 0.00, 0.11
HSL	240°, 62%, 70%
HSV	240°, 41%, 89%
XYZ	31.7879, 27.2526, 75.5364
YIQ	143.6020, -29.8530, 28.9230

Conversions

Conversions Part 2

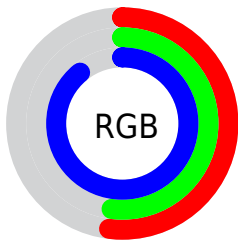
Format	Color
RYB	133, 133, 226
Decimal	8750562
CIELab	59.21, 22.90, -47.38
CIELCh	59, 52.623, 295.790
Yxy	27.2526, 0.2362, 0.2025
Android (android.graphics.Color)	4286940642 (0xFF8585E2)
YUV	143.6020, 40.6222, -9.2980
Hunter-Lab	52.2040, 17.3345, -49.2466

Details

The Android color `4286940642` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293059205`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4290689791`, and `4283258026` is the 20% darker color. If you saturate the color by 10%, you get `4285427426`, and if you desaturate by 10%, it is `4288453858`.

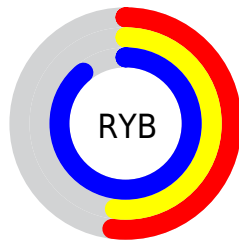
Distribution



Red (52%)

Green (52%)

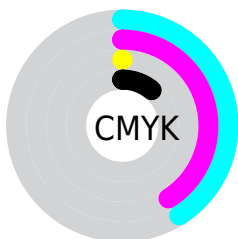
Blue (89%)



Red (52%)

Yellow (52%)

Blue (89%)

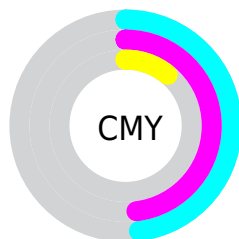


Cyan (41%)

Magenta (41%)

Yellow (0%)

Black (11%)



Cyan (48%)

Magenta (48%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286940642 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 4286940642 by changing the saturation by 10% instead.

 4286940642

 4286940642

4294967295

 4285099206

 4290689791

 4283258026

 4292531967

 4281351567

 4294505215

 4278790005

 4278195036

 4278190148

 4278190893

 4278190359

 4278190080

■ 4286940642

■ 4286940642

■ 4285427426

■ 4288453858

■ 4283980002

■ 4289901282

■ 4282466786

■ 4291414498

■ 4281019362

■ 4292861922

■ 4279506146

■ 4294375138

■ 4278190306

■ 4294967266

Harmonies

Analogous

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



4278228715



4286940642



4290867907

Triad

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



4286940642



4291852354



4278232454

Complementary

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



4286940642



4293059205

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.



4282687832



4286940642



4289563180

Square

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



4286940642



4293028201



4286617653



4278232501

Rectangle

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



4286940642



4292372646



4286617653



4278232182

Sweetspot

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



4286940642



4292927743



4286964450



4285427328



4278190080



4286611584

Same Dimension

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



4286940642



4286743295



4290020834



4284835184



4278190256



4278190128

Inverse Universe

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



4293035490



4294935295



4290044549



4285556080



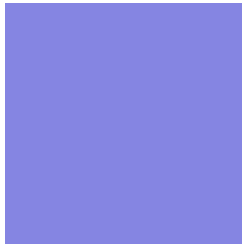
4289724592



4281335856

Previews

White Background



This preview shows how the Android color 4286940642 looks on a white background.

Color Contrast Check

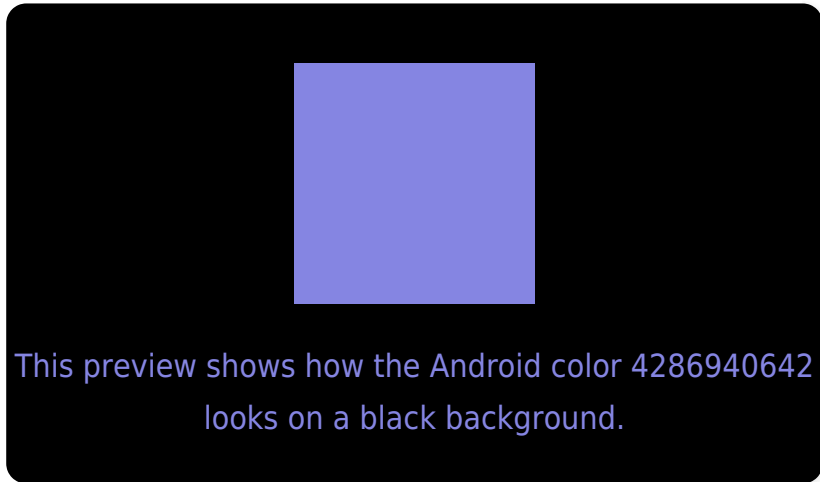
Large Text (above 18pt) WCAG AA ✓ Pass

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 4286940642 Background



This preview shows how black text looks on a background with the Android color 4286940642.

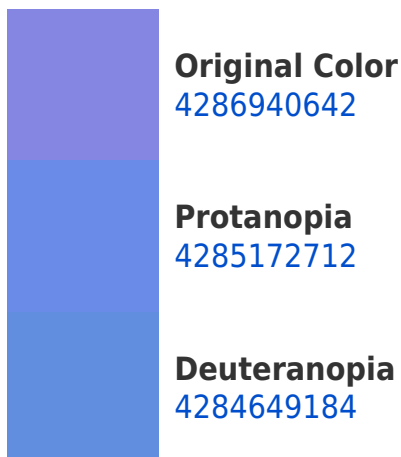


This preview shows how white text looks on a background with the Android color 4286940642.

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
4286940642

Protanomaly
4285827558

Deuteranomaly
4285500385

Tritanomaly
4286222007

Monochromacy



Original Color
4286940642

Achromatopsia
4287664272

Achromatomaly
4287401134

CSS Examples

Text

The CSS property to change the color of the text to Android 4286940642 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(133, 133, 226)` looks like.

```
.text, #text, p{  
    color:rgb(133, 133, 226)  
}
```

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(133, 133, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 133, 226) }
```

Border

The CSS property to change the border of an element to Android 4286940642 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(133, 133, 226) }
```

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

```
.border{ border-color:rgb(133, 133, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 133, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 133, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 133, 226);  
box-shadow:4px 4px 4px 4px rgb(133, 133,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4286940642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 133, 226) }
```

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

```
.background{ background-color: rgb(133,  
133, 226) }
```

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