

Converting Colors

Android(4287995116)

Have a look what the booklet for
Android(4287995116) contains.

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Color

Android(4287995116)

Conversions

Conversions Part 1

Format	Color
Hex	959CEC
RGB	149, 156, 236
RGB Percent	58%, 61%, 93%
CMY	0.4157, 0.3882, 0.0745
CMYK	0.37, 0.34, 0.00, 0.07
HSL	235°, 70%, 75%
HSV	235°, 37%, 93%
XYZ	39.4232, 36.2226, 84.2707
YIQ	163.0270, -29.8520, 23.3960

Conversions

Conversions Part 2

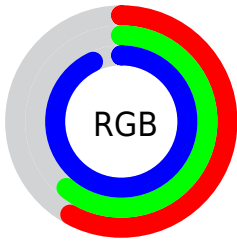
Format	Color
RYB	149, 155, 236
Decimal	9805036
CIELab	66.69, 16.46, -41.06
CIELCh	67, 44.236, 291.850
Yxy	36.2226, 0.2465, 0.2265
Android (android.graphics.Color)	4287995116 (0xFF959CEC)
YUV	163.0270, 35.9757, -12.3017
Hunter-Lab	60.1852, 11.5989, -40.8876

Details

The Android color `4287995116` is a light color, and the websafe version is hex `9999FF`. A complement of this color would be `4293715349`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4291678975`, and `4284377524` is the 20% darker color. If you saturate the color by 10%, you get `4286416620`, and if you desaturate by 10%, it is `4289573612`.

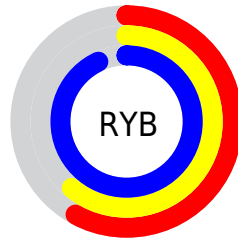
Distribution



Red (58%)

Green (61%)

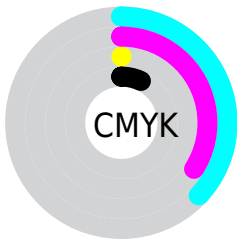
Blue (93%)



Red (58%)

Yellow (61%)

Blue (93%)

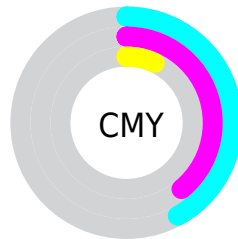


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (7%)



Cyan (42%)














Magenta (39%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287995116 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 4287995116 by changing the saturation by 10% instead.

 4287995116	 4287995116
4294967295	 4286218960
 4291678975	 4284377524
 4293652479	 4282601881
	 4280695422
	 4278199653
	 4278194509
	 4278190901
	 4278190623
	 4278190082

■ 4287995116

■ 4287995116

■ 4286416620

■ 4289573612

■ 4284903916

■ 4291086316

■ 4283325420

■ 4292664812

■ 4281812460

■ 4294177772

■ 4280233964

■ 4294967276

■ 4278655724

■ 4278195180

Harmonies

Analogous

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



4282821360



4287995116



4291399124

Triad

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



4287995116



4292972133



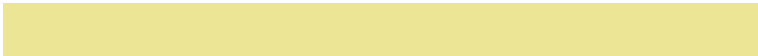
4281054870

Complementary

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



4287995116



4293715349

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.



4285510255



4287995116



4291075154

Square

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



4287995116



4293821319



4288588118



4278237119

Rectangle

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



4287995116



4292904380



4288588118



4282889608

Sweetspot

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



4287995116



4293125631



4288015589



4285493376



4278190080



4286611584

Same Dimension

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



4287995116



4287600895



4290352620



4285164405



4278194101



4278191158

Inverse Universe

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



4293694876



4294938520



4291357845



4285885035



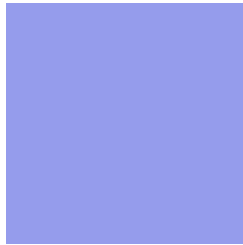
4290052111



4281729028

Previews

White Background



This preview shows how the Android color 4287995116 looks on a white background.

Color Contrast Check

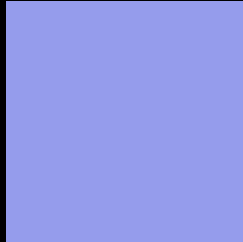
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287995116 looks on a 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4287995116 Background



This preview shows how black text looks on a background with the Android color 4287995116.



This preview shows how white text looks on a background with the Android color 4287995116.

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
4287995116

Protanopia
4287078383

Deuteranopia
4286882283

Trichromacy



Original Color
4287995116

Protanomaly
4287405806

Deuteranomaly
4287274987

Tritanomaly
4287472584

Monochromacy



Original Color
4287995116

Achromatopsia
4288914339

Achromatomaly
4288585918

CSS Examples

Text

The CSS property to change the color of the text to Android 4287995116 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(149, 156, 236)` looks like.

```
.text, #text, p{  
    color:rgb(149, 156, 236)  
}
```

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(149, 156, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 156, 236) }
```

Border

The CSS property to change the border of an element to Android 4287995116 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(149, 156, 236) }
```

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

```
.border{ border-color:rgb(149, 156, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 156, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 156, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 156, 236);  
box-shadow:4px 4px 4px 4px rgb(149, 156,  
236) }
```

Background

The CSS property to change the background color of an element to Android 4287995116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 156, 236) }
```

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

```
.background{ background-color: rgb(149,  
156, 236) }
```

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](#).

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