

Converting Colors

Android(4286949070)

Have a look what the booklet for
Android(4286949070) contains.

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Color

Android(4286949070)

Conversions

Conversions Part 1

Format	Color
Hex	85A6CE
RGB	133, 166, 206
RGB Percent	52%, 65%, 81%
CMY	0.4784, 0.3490, 0.1922
CMYK	0.35, 0.19, 0.00, 0.19
HSL	213°, 43%, 66%
HSV	213°, 35%, 81%
XYZ	34.4497, 36.7152, 63.6636
YIQ	160.6930, -32.5080, 5.4440

Conversions

Conversions Part 2

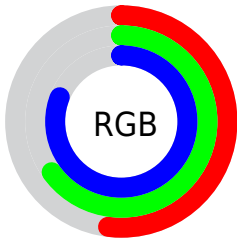
Format	Color
RYB	133, 156, 206
Decimal	8758990
CIELab	67.06, -1.54, -24.03
CIELCh	67, 24.077, 266.344
Yxy	36.7152, 0.2555, 0.2723
Android (android.graphics.Color)	4286949070 (0xFF85A6CE)
YUV	160.6930, 22.3364, -24.2868
Hunter-Lab	60.5931, -4.5533, -19.8793

Details

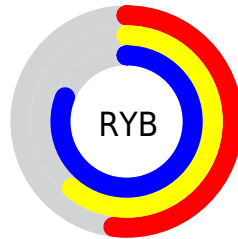
The Android color `4286949070` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291734917`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4290567679`, and `4283462296` is the 20% darker color. If you saturate the color by 10%, you get `4285569998`, and if you desaturate by 10%, it is `4288328142`.

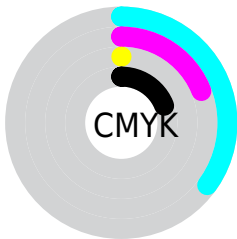
Distribution



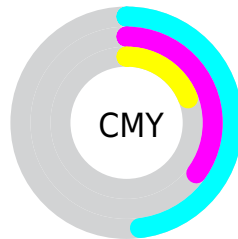
- Red (52%)
- Green (65%)
- Blue (81%)



- Red (52%)
- Yellow (61%)
- Blue (81%)



- Cyan (35%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)

















- Cyan (48%)
- Magenta (35%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286949070 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 4286949070 by changing the saturation by 10% instead.

 4286949070	 4286949070
4294967295	 4285172914
 4290567679	 4283462296
 4292409855	 4281752190
 4294311935	 4279976804
	 4278201676
	 4278196277
	 4278190624
	 4278190084
	 4278190080

■ 4286949070

■ 4286949070

■ 4285569998

■ 4288328142

■ 4284256206

■ 4289641934

■ 4282877134

■ 4291021006

■ 4281563598

■ 4292334542

■ 4280184526

■ 4293713614

■ 4278805198

■ 4294961870

■ 4278214094

■ 4294964686

■ 4294967246

Harmonies

Analogous

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



4285312199



4286949070



4288913354

Triad

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



4286949070



4291794321



4287016331

Complementary

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



4286949070



4291734917

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.



4288653436



4286949070



4291271296

Square

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



4286949070



4291597479



4290158968



4285575072

Rectangle

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



4286949070



4290091713



4290158968



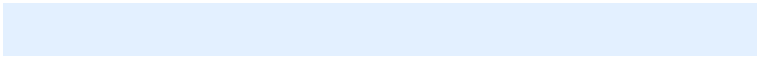
4287540101

Sweetspot

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



4286949070



4293128447



4286959276



4285494912



4278190080



4286611584

Same Dimension

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



4286949070



4287742975



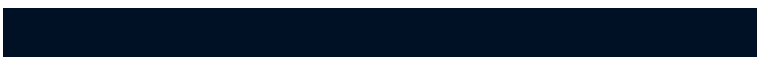
4287071694



4284244070



4278209446



4278194470

Inverse Universe

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



4291724710



4294939075



4291612293



4284898400



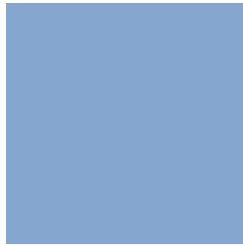
4289069131



4280680465

Previews

White Background



This preview shows how the Android color 4286949070 looks on a white background.

Color Contrast Check

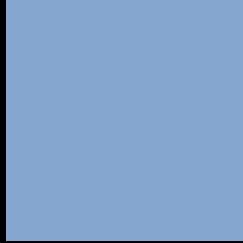
Large Text (above 18pt) WCAG AA × Fail

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 4286949070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

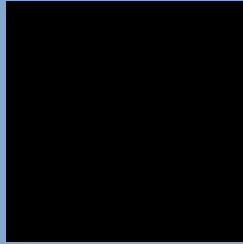
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

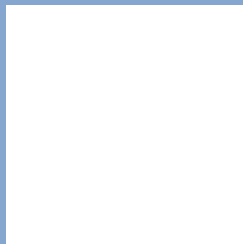
Any Text WCAG AAA ✓ Pass

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

Android 4286949070 Background



This preview shows how black text looks on a background with the Android color 4286949070.



This preview shows how white text looks on a background with the Android color 4286949070.

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
4286949070

Protanopia
4288258507

Deuteranopia
4288389327



Tritanopia
4286622392

Trichromacy



Original Color
4286949070

Protanomaly
4287800268

Deuteranomaly
4287865551

Tritanomaly
4286753216

Monochromacy



Original Color
4286949070

Achromatopsia
4288782753

Achromatomaly
4288127921

CSS Examples

Text

The CSS property to change the color of the text to Android 4286949070 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, 166, 206)` looks like.

```
.text, #text, p{  
    color:rgb(133, 166, 206)  
}
```

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, 166, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 166, 206) }
```

Border

The CSS property to change the border of an element to Android 4286949070 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, 166, 206) }
```

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

```
.border{ border-color:rgb(133, 166, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 166, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 166, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 166, 206);  
box-shadow:4px 4px 4px 4px rgb(133, 166,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4286949070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 166, 206) }
```

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

```
.background{ background-color: rgb(133,  
166, 206) }
```

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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