

Converting Colors

Android(4286950363)

Have a look what the booklet for
Android(4286950363) contains.

Android(4286950363)	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(4286950363)

Conversions

Conversions Part 1

Format	Color
Hex	85ABDB
RGB	133, 171, 219
RGB Percent	52%, 67%, 86%
CMY	0.4784, 0.3294, 0.1412
CMYK	0.39, 0.22, 0.00, 0.14
HSL	213°, 54%, 69%
HSV	213°, 39%, 86%
XYZ	37.0220, 39.2268, 72.6381
YIQ	165.1100, -38.0560, 6.8720

Conversions

Conversions Part 2

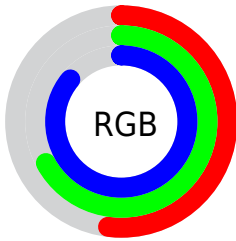
Format	Color
RYB	133, 159, 219
Decimal	8760283
CIELab	68.92, -0.86, -28.35
CIELCh	69, 28.363, 268.264
Yxy	39.2268, 0.2487, 0.2635
Android (android.graphics.Color)	4286950363 (0xFF85ABDB)
YUV	165.1100, 26.5678, -28.1605
Hunter-Lab	62.6313, -4.0918, -24.9210

Details

The Android color `4286950363` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292588933`, and the grayscale version is `4289045925`.

A 20% lighter version of the original color is `4290634495`, and `4283398052` is the 20% darker color. If you saturate the color by 10%, you get `4285505499`, and if you desaturate by 10%, it is `4288395227`.

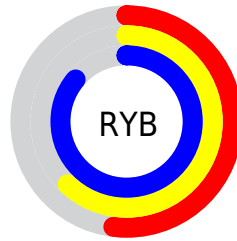
Distribution



Red (52%)

Green (67%)

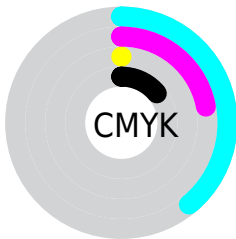
Blue (86%)



Red (52%)

Yellow (62%)

Blue (86%)

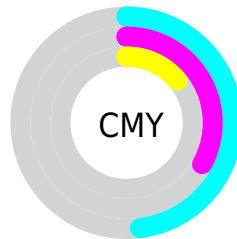


Cyan (39%)

Magenta (22%)

Yellow (0%)

Black (14%)



Cyan (48%)

Magenta (33%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286950363 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 4286950363 by changing the saturation by 10% instead.

 4286950363

 4286950363

4294967295

 4285174207

 4290634495

 4283398052

 4292476927

 4281622153

 4294443007

 4279519088

 4278202711

 4278197312

 4278190890

 4278190356

 4278190080

■ 4286950363

■ 4286950363

■ 4285505499

■ 4288395227

■ 4284060635

■ 4289840091

■ 4282615515

■ 4291285211

■ 4281170651

■ 4292730075

■ 4279791323

■ 4294174939

■ 4278346459

■ 4294964443

■ 4278215131

■ 4294967259

Harmonies

Analogous

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



4284789459



4286950363



4289372885

Triad

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



4286950363



4292581265



4286821516

Complementary

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



4286950363



4292588933

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.



4288786042



4286950363



4291927421

Square

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



4286950363



4292449707



4290553461



4284987046

Rectangle

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



4286950363



4290747595



4290553461



4287476357

Sweetspot

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



4286950363



4292931327



4286962612



4285429376



4278190080



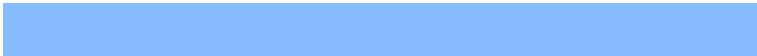
4286611584

Same Dimension

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



4286950363



4287085823



4287202779



4284704878



4278209965



4278195246

Inverse Universe

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



4292576683



4294936508



4292336517



4285424488



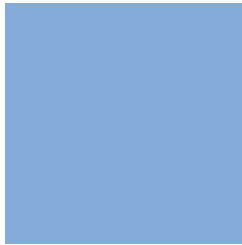
4289527885



4281204756

Previews

White Background



This preview shows how the Android color 4286950363 looks on a white background.

Color Contrast Check

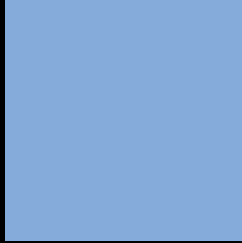
Large Text (above 18pt) WCAG AA × Fail

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 4286950363 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

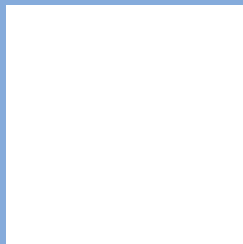
Any Text WCAG AAA ✓ Pass

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

Android 4286950363 Background



This preview shows how black text looks on a background with the Android color 4286950363.



This preview shows how white text looks on a background with the Android color 4286950363.

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
4286950363

Protanomaly
4287867096

Deuteranomaly
4287866844

Tritanomaly
4286688969

Monochromacy



Original Color
4286950363

Achromatopsia
4289045925

Achromatomaly
4288260025

CSS Examples

Text

The CSS property to change the color of the text to Android 4286950363 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, 171, 219)` looks like.

```
.text, #text, p{  
    color:rgb(133, 171, 219)  
}
```

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, 171, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 171, 219) }
```

Border

The CSS property to change the border of an element to Android 4286950363 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, 171, 219) }
```

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

```
.border{ border-color:rgb(133, 171, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 171, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 171, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 171, 219);  
box-shadow:4px 4px 4px 4px rgb(133, 171,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4286950363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 171, 219) }
```

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

```
.background{ background-color: rgb(133,  
171, 219) }
```

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