

Converting Colors

Android(4284133101)

Have a look what the booklet for
Android(4284133101) contains.

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Color

Android(4284133101)

Conversions

Conversions Part 1

Format	Color
Hex	5AAEED
RGB	90, 174, 237
RGB Percent	35%, 68%, 93%
CMY	0.6471, 0.3176, 0.0706
CMYK	0.62, 0.27, 0.00, 0.07
HSL	206°, 80%, 64%
HSV	206°, 62%, 93%
XYZ	34.6386, 38.5602, 85.7380
YIQ	156.0660, -70.2870, 1.7850

Conversions

Conversions Part 2

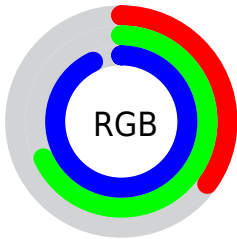
Format	Color
RYB	90, 143, 237
Decimal	5943021
CIELab	68.43, -6.78, -39.11
CIELCh	68, 39.699, 260.160
Yxy	38.5602, 0.2179, 0.2426
Android (android.graphics.Color)	4284133101 (0xFF5AAEED)
YUV	156.0660, 39.9005, -57.9399
Hunter-Lab	62.0968, -9.0995, -38.3947

Details

The Android color `4284133101` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4293761370`, and the grayscale version is `4288453788`.

A 20% lighter version of the original color is `4288144895`, and `4278221493` is the 20% darker color. If you saturate the color by 10%, you get `4282557677`, and if you desaturate by 10%, it is `4285708525`.

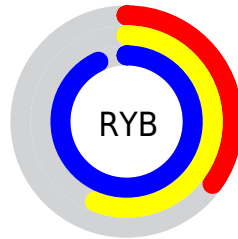
Distribution



Red (35%)

Green (68%)

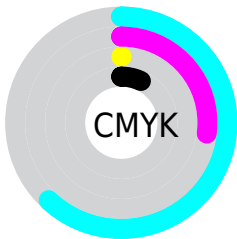
Blue (93%)



Red (35%)

Yellow (56%)

Blue (93%)

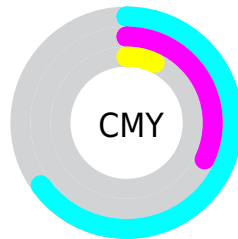


Cyan (62%)

Magenta (27%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (32%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284133101 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 4284133101 by changing the saturation by 10% instead.

 4284133101

 4284133101

4294967295

 4281832401

 4288144895

 4278221493

 4290117631

 4278215066

 4292083711

 4278209152

 4294115327

 4278203238

 4278198094

 4278191415

 4278190624

 4278190085

■ 4284133101

■ 4284133101

■ 4282557677

■ 4285708525

■ 4281047789

■ 4287218413

■ 4279472365

■ 4288793837

■ 4278224877

■ 4290369517

■ 4291944941

■ 4293454829

■ 4294964717

■ 4294967277

Harmonies

Analogous

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



4278236893



4284133101



4288258794

Triad

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



4284133101



4293692560



4286363000

Complementary

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



4284133101



4293761370

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.



4289113186



4284133101



4293039217

Square

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



4284133101



4293233844



4291338592



4283152793

Rectangle

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



4284133101



4290484702



4291338592



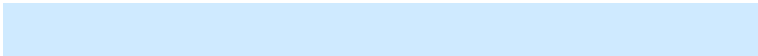
4287345263

Sweetspot

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



4284133101



4291816191



4284149143



4284642176



4278190080



4286611584

Same Dimension

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



4284133101



4282560255



4284114669



4285165685



4278216629



4278198070

Inverse Universe

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



4293745326



4294918830



4293779802



4285885040



4290052199



4281729055

Previews

White Background



This preview shows how the Android color 4284133101 looks on a white background.

Color Contrast Check

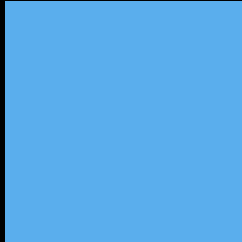
Large Text (above 18pt) WCAG AA × Fail

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 4284133101 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

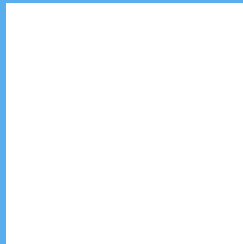
Any Text WCAG AAA ✓ Pass

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

Android 4284133101 Background



This preview shows how black text looks on a background with the Android color 4284133101.

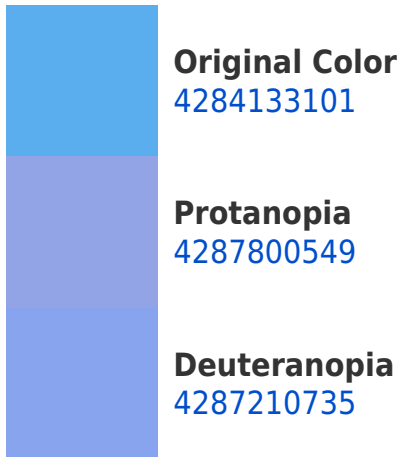


This preview shows how white text looks on a background with the Android color 4284133101.

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
4284133101

Protanomaly
4286490856

Deuteranomaly
4286097646

Tritanomaly
4283282387

Monochromacy



Original Color
4284133101

Achromatopsia
4288453788

Achromatomaly
4286882745

CSS Examples

Text

The CSS property to change the color of the text to Android 4284133101 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(90, 174, 237)` looks like.

```
.text, #text, p{  
    color:rgb(90, 174, 237)  
}
```

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(90, 174, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 174, 237) }
```

Border

The CSS property to change the border of an element to Android 4284133101 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(90, 174, 237) }
```

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

```
.border{ border-color:rgb(90, 174, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(90, 174, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 174, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 174, 237);  
box-shadow:4px 4px 4px 4px rgb(90, 174,  
237) }
```

Background

The CSS property to change the background color of an element to Android 4284133101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 174, 237) }
```

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

```
.background{ background-color: rgb(90, 174,  
237) }
```

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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