

Converting Colors

Android(4283274201)

Have a look what the booklet for
Android(4283274201) contains.

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Color

Android(4283274201)

Conversions

Conversions Part 1

Format	Color
Hex	4D93D9
RGB	77, 147, 217
RGB Percent	30%, 58%, 85%
CMY	0.6980, 0.4235, 0.1490
CMYK	0.65, 0.32, 0.00, 0.15
HSL	210°, 65%, 58%
HSV	210°, 65%, 85%
XYZ	26.0187, 27.4550, 69.5736
YIQ	134.0500, -64.1900, 6.9300

Conversions

Conversions Part 2

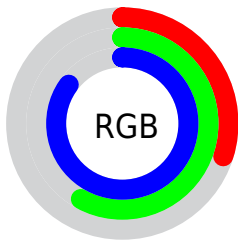
Format	Color
R_{YB}	77, 124, 217
Decimal	5084121
CIE _{Lab}	59.39, -0.32, -42.27
CIE _{LCh}	59, 42.276, 269.569
Yxy	27.4550, 0.2115, 0.2231
Android (android.graphics.Color)	4283274201 (0xFF4D93D9)
YUV	134.0500, 40.8943, -50.0329
Hunter-Lab	52.3975, -3.0591, -42.0473

Details

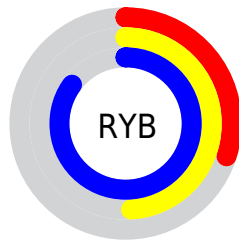
The Android color `4283274201` is a dark color, and the websafe version is hex `6699CC`. The color can be described as middle muted azure. A complement of this color would be `4292449101`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4287285759`, and `4278215074` is the 20% darker color. If you saturate the color by 10%, you get `4281829593`, and if you desaturate by 10%, it is `4284718809`.

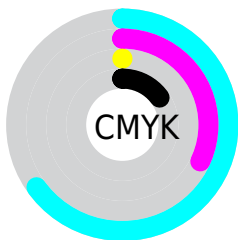
Distribution



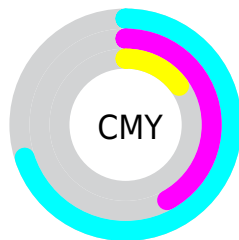
- Red (30%)
- Green (58%)
- Blue (85%)



- Red (30%)
- Yellow (49%)
- Blue (85%)



- Cyan (65%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (70%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283274201 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 4283274201 by changing the saturation by 10% instead.

 4283274201

 4283274201

4294967295


 4280908221

 4287285759

 4278215074

 4289259007

 4278208903

 4291166207

 4278203245

 4293132287

 4278198101

 4278191677

 4278190886

 4278190352

 4278190080

■ 4283274201

■ 4283274201

■ 4281829593

■ 4284718809

■ 4280450521

■ 4286097881

■ 4279005913

■ 4287542489

■ 4278218201

■ 4288986841

■ 4290365913

■ 4291810521

■ 4293255129

■ 4294699737

■ 4294964697

Harmonies

Analogous

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



4278230478



4283274201



4287727312

Triad

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



4283274201



4292113516



4283539304

Complementary

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



4283274201



4292449101

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.



4286617676



4283274201



4291002192

Square

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



4283274201



4292046993



4289105219



4278231693

Rectangle

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



4283274201



4289756352



4289105219



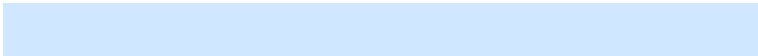
4284652893

Sweetspot

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



4283274201



4291815423



4283292051



4284641664



4278190080



4286611584

Same Dimension

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



4283274201



4282097151



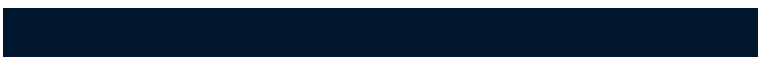
4283256281



4284704878



4278212525



4278196014

Inverse Universe

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



4292431251



4294917021



4292467021



4285424488



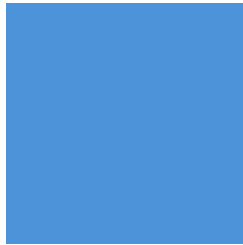
4289527895



4281204759

Previews

White Background



This preview shows how the Android color 4283274201 looks on a white background.

Color Contrast Check

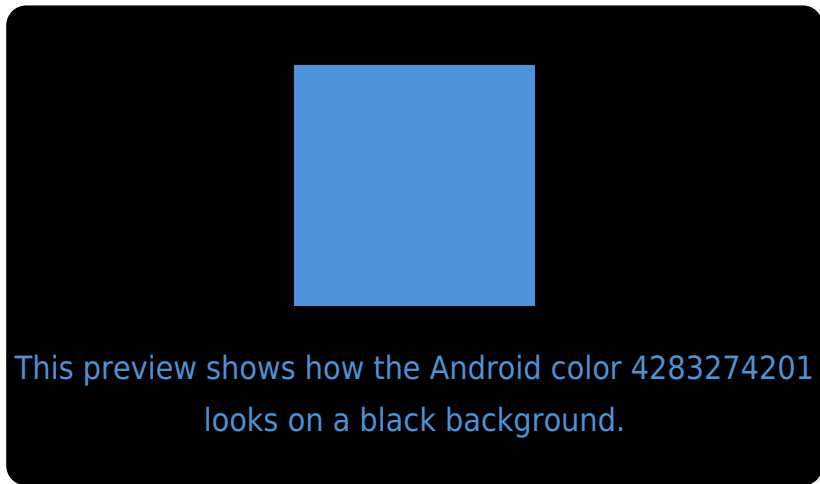
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283274201 Background



This preview shows how black text looks on a background with the Android color 4283274201.



This preview shows how white text looks on a background with the Android color 4283274201.

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
4283274201

Protanomaly
4284977109

Deuteranomaly
4284387546

Tritanomaly
4282161594

Monochromacy



Original Color
4283274201

Achromatopsia
4287006342

Achromatomaly
4285631396

CSS Examples

Text

The CSS property to change the color of the text to Android 4283274201 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(77, 147, 217)` looks like.

```
.text, #text, p{  
    color:rgb(77, 147, 217)  
}
```

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(77, 147, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 147, 217) }
```

Border

The CSS property to change the border of an element to Android 4283274201 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(77, 147, 217) }
```

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

```
.border{ border-color:rgb(77, 147, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 147, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 147, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 147, 217);  
box-shadow:4px 4px 4px 4px rgb(77, 147,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4283274201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 147, 217) }
```

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

```
.background{ background-color: rgb(77, 147,  
217) }
```

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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