

Converting Colors

Android(4283326153)

Have a look what the booklet for
Android(4283326153) contains.

Android(4283326153)	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(4283326153)

Conversions

Conversions Part 1

Format	Color
Hex	4E5EC9
RGB	78, 94, 201
RGB Percent	31%, 37%, 79%
CMY	0.6941, 0.6314, 0.2118
CMYK	0.61, 0.53, 0.00, 0.21
HSL	232°, 53%, 55%
HSV	232°, 61%, 79%
XYZ	17.6872, 13.8422, 56.9979
YIQ	101.4140, -43.8830, 29.8850

Conversions

Conversions Part 2

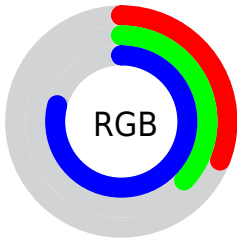
Format	Color
R_{YB}	78, 92, 201
Decimal	5136073
CIE _{Lab}	44.01, 26.81, -57.73
CIE _{LCh}	44, 63.652, 294.914
Yxy	13.8422, 0.1998, 0.1564
Android (android.graphics.Color)	4283326153 (0xFF4E5EC9)
YUV	101.4140, 49.0959, -20.5341
Hunter-Lab	37.2050, 19.7497, -64.7884

Details

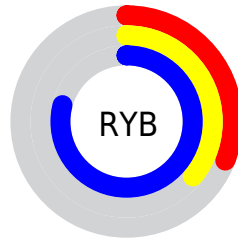
The Android color `4283326153` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4291410254`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4287271167`, and `4278202770` is the 20% darker color. If you saturate the color by 10%, you get `4282011081`, and if you desaturate by 10%, it is `4284641225`.

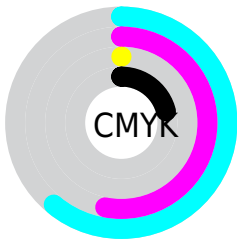
Distribution



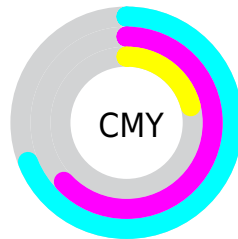
- Red (31%)
- Green (37%)
- Blue (79%)



- Red (31%)
- Yellow (36%)
- Blue (79%)



- Cyan (61%)
- Magenta (53%)
- Yellow (0%)
- Black (21%)



- Cyan (69%)
- Magenta (63%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283326153 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 4283326153 by changing the saturation by 10% instead.

■ 4283326153

■ 4283326153

4294967295

■ 4281092013

■ 4287271167

■ 4278202770

■ 4289178623

■ 4278197368

■ 4291086079

■ 4278191966

■ 4293059327

■ 4278191942

4294967039

■ 4278191150

■ 4278190361

■ 4278190080

■ 4283326153

■ 4283326153

■ 4282011081

■ 4284641225

■ 4280695753

■ 4285956553

■ 4279380681

■ 4287271625

■ 4278196937

■ 4288586953

■ 4289967561

■ 4291282889

■ 4292597961

■ 4293913289

■ 4294966217

Harmonies

Analogous

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



4278219218



4283326153



4288561830

Triad

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



4283326153



4289481479



4278222429

Complementary

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



4283326153



4291410254

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.



4278221605



4283326153



4286997248

Square

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



4283326153



4290916159



4283724288



4278222739

Rectangle

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



4283326153



4290260613



4283724288



4278222410

Sweetspot

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



4283326153



4291942399



4283353529



4284704640



4278190080



4286611584

Same Dimension

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



4283326153



4282736127



4286271177



4284111715



4278195619



4278191396

Inverse Universe

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



4291382878



4294919517



4288465230



4284701275



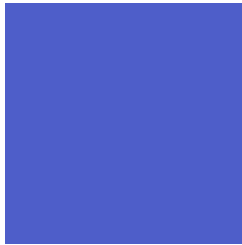
4288872469



4280549381

Previews

White Background



This preview shows how the Android color 4283326153 looks on a white background.

Color Contrast Check

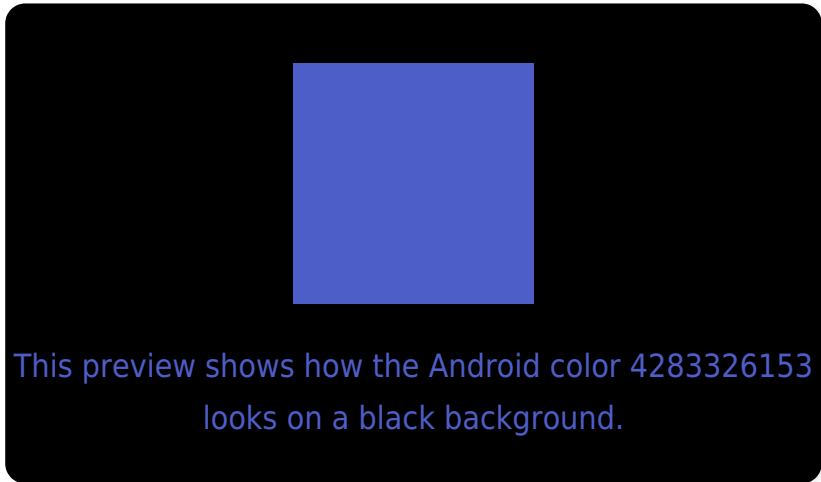
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4283326153 Background



This preview shows how black text looks on a background with the Android color 4283326153.



This preview shows how white text looks on a background with the Android color 4283326153.

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
4283326153

Protanomaly
4281295565

Deuteranomaly
4280051391

Tritanomaly
4281756567

Monochromacy



Original Color
4283326153

Achromatopsia
4284835173

Achromatomaly
4284310153

CSS Examples

Text

The CSS property to change the color of the text to Android 4283326153 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(78, 94, 201)` looks like.

```
.text, #text, p{  
    color:rgb(78, 94, 201)  
}
```

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(78, 94, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 94, 201) }
```

Border

The CSS property to change the border of an element to Android 4283326153 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(78, 94, 201) }
```

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

```
.border{ border-color:rgb(78, 94, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 94, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 94, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 94, 201);  
box-shadow:4px 4px 4px 4px rgb(78, 94,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4283326153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 94, 201) }
```

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

```
.background{ background-color: rgb(78, 94,  
201) }
```

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