

Converting Colors

Android(4283065294)

Have a look what the booklet for
Android(4283065294) contains.

Android(4283065294)	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(4283065294)

Conversions

Conversions Part 1

Format	Color
Hex	4A63CE
RGB	74, 99, 206
RGB Percent	29%, 39%, 81%
CMY	0.7098, 0.6118, 0.1922
CMYK	0.64, 0.52, 0.00, 0.19
HSL	229°, 57%, 55%
HSV	229°, 64%, 81%
XYZ	18.4265, 14.8358, 60.2849
YIQ	103.7230, -49.2470, 27.9770

Conversions

Conversions Part 2

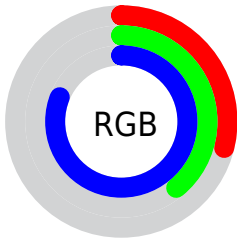
Format	Color
R_{YB}	74, 95, 206
Decimal	4875214
CIE _{Lab}	45.41, 24.69, -58.35
CIE _{LCh}	45, 63.360, 292.935
Yxy	14.8358, 0.1970, 0.1586
Android (android.graphics.Color)	4283065294 (0xFF4A63CE)
YUV	103.7230, 50.4226, -26.0671
Hunter-Lab	38.5172, 17.9885, -65.8352

Details

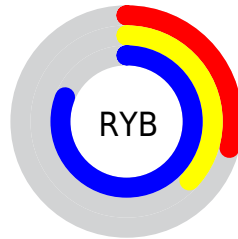
The Android color `4283065294` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291736906`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4287075839`, and `4278203799` is the 20% darker color. If you saturate the color by 10%, you get `4281684686`, and if you desaturate by 10%, it is `4284445902`.

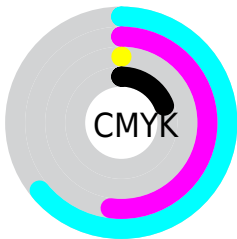
Distribution



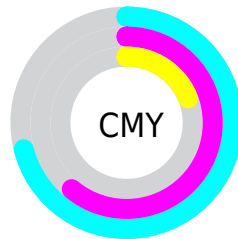
- Red (29%)
- Green (39%)
- Blue (81%)



- Red (29%)
- Yellow (37%)
- Blue (81%)



- Cyan (64%)
- Magenta (52%)
- Yellow (0%)
- Black (19%)



- Cyan (71%)
- Magenta (61%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283065294 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 4283065294 by changing the saturation by 10% instead.

■ 4283065294

■ 4283065294

4294967295

■ 4280634290

■ 4287075839

■ 4278203799

■ 4288983295

■ 4278198652

■ 4290956287

■ 4278193763

■ 4292929535

■ 4278191434

4294901759

■ 4278191154

■ 4278190620

■ 4278190080

■ 4283065294

■ 4283065294

■ 4281684686

■ 4284445902

■ 4280369870

■ 4285760718

■ 4278989262

■ 4287141326

■ 4278200270

■ 4288456398

■ 4289836750

■ 4291217358

■ 4292532430

■ 4293913038

■ 4294965710

Harmonies

Analogous

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



4278220501



4283065294



4288563372

Triad

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



4283065294



4289875218



4278223453

Complementary

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



4283065294



4291736906

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.



4278222373



4283065294



4287456512

Square

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



4283065294



4291179334



4284183808



4278223763

Rectangle

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



4283065294



4290393484



4284183808



4278223178

Sweetspot

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



4283065294



4291811583



4283092660



4284639360



4278190080



4286611584

Same Dimension

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



4283065294



4282081535



4285680334



4284243558



4278198182



4278191910

Inverse Universe

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



4291709539



4294916960



4289121866



4284898398



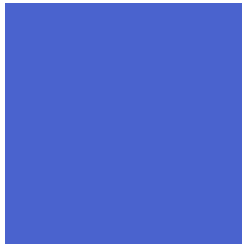
4289069087



4280680455

Previews

White Background



This preview shows how the Android color 4283065294 looks on a white background.

Color Contrast Check

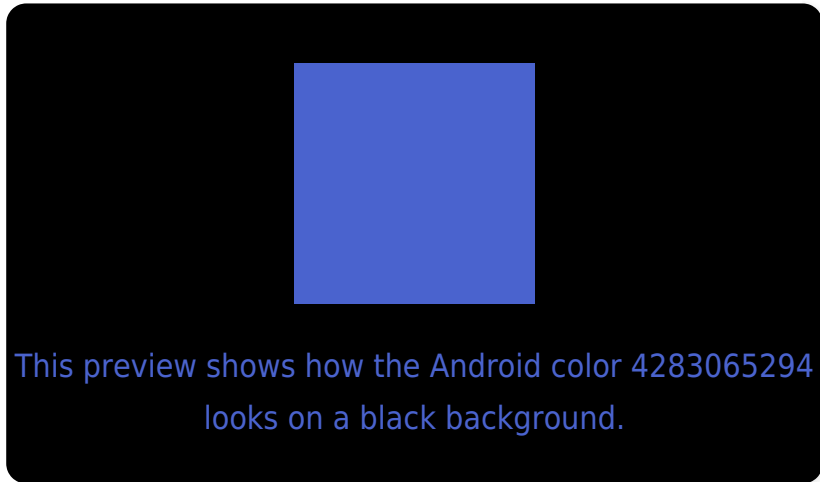
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283065294 Background



This preview shows how black text looks on a background with the Android color 4283065294.



This preview shows how white text looks on a background with the Android color 4283065294.

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
4283065294

Protanomaly
4281624273

Deuteranomaly
4279986628

Tritanomaly
4281036700

Monochromacy



Original Color
4283065294

Achromatopsia
4285032552

Achromatomaly
4284311181

CSS Examples

Text

The CSS property to change the color of the text to Android 4283065294 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(74, 99, 206)` looks like.

```
.text, #text, p{  
    color:rgb(74, 99, 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(74, 99, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 99, 206) }
```

Border

The CSS property to change the border of an element to Android 4283065294 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(74, 99, 206) }
```

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

```
.border{ border-color:rgb(74, 99, 206) }
```

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

Here you see how a box with a 4 pixel rgb(74, 99, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 99, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 99, 206);  
box-shadow:4px 4px 4px 4px rgb(74, 99,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4283065294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 99, 206) }
```

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

```
.background{ background-color: rgb(74, 99,  
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](#).

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