

Converting Colors

Android(4283241694)

Have a look what the booklet for
Android(4283241694) contains.

Android(4283241694)	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(4283241694)

Conversions

Conversions Part 1

Format	Color
Hex	4D14DE
RGB	77, 20, 222
RGB Percent	30%, 8%, 87%
CMY	0.6980, 0.9216, 0.1294
CMYK	0.65, 0.91, 0.00, 0.13
HSL	257°, 83%, 47%
HSV	257°, 91%, 87%
XYZ	16.4955, 7.3520, 69.6569
YIQ	60.0710, -30.8700, 74.9060

Conversions

Conversions Part 2

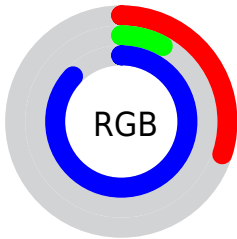
Format	Color
R_{YB}	77, 20, 222
Decimal	5051614
CIE _{Lab}	32.60, 69.44, -88.55
CIE _{LCh}	33, 112.525, 308.103
Yxy	7.3520, 0.1764, 0.0786
Android (android.graphics.Color)	4283241694 (0xFF4D14DE)
YUV	60.0710, 79.8310, 14.8467
Hunter-Lab	27.1146, 61.1423, -133.3347

Details

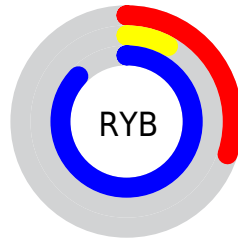
The Android color `4283241694` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4289060372`, and the grayscale version is `4282071867`.

A 20% lighter version of the original color is `4287713535`, and `4278190245` is the 20% darker color. If you saturate the color by 10%, you get `4282319070`, and if you desaturate by 10%, it is `4284295902`.

Distribution



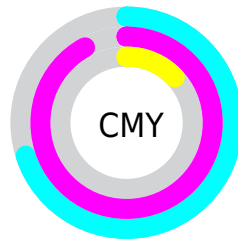
- Red (30%)
- Green (8%)
- Blue (87%)



- Red (30%)
- Yellow (8%)
- Blue (87%)



- Cyan (65%)
- Magenta (91%)
- Yellow (0%)
- Black (13%)





















- Cyan (70%)
- Magenta (92%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283241694 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 4283241694 by changing the saturation by 10% instead.

 4283241694	 4283241694
4294967295	 4280156353
 4287713535	 4278190245
 4289752063	 4278190218
 4291790591	 4278190191
 4293894911	 4278193237
 4294950655	 4278191677
 4294957823	 4278190886
 4294965503	 4278190352
	 4278190080

■ 4283241694

■ 4283241694

■ 4282319070

■ 4284295902

■ 4285350110

■ 4286404574

■ 4287458782

■ 4288512990

■ 4289567198

■ 4290621406

■ 4291610334

■ 4292664542

Harmonies

Analogous

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



4278212607



4283241694



4290642065

Triad

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



4283241694



4287637504



4278216548

Complementary

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



4283241694



4289060372

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.



4278215936



4283241694



4282995200

Square

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



4283241694



4290904064



4278214656



4278217404

Rectangle

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



4283241694



4292149335



4278214656



4278216261

Sweetspot

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



4283241694



4291738367



4279544030



4284635008



4278190080



4286611584

Same Dimension

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



4283241694



4282908927



4289664222



4285031792



4281467056



4279107632

Inverse Universe

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



4292744357



4294901943



4282637844



4285556077



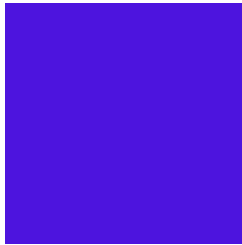
4289724542



4281335843

Previews

White Background



This preview shows how the Android color 4283241694 looks on a white background.

Color Contrast Check

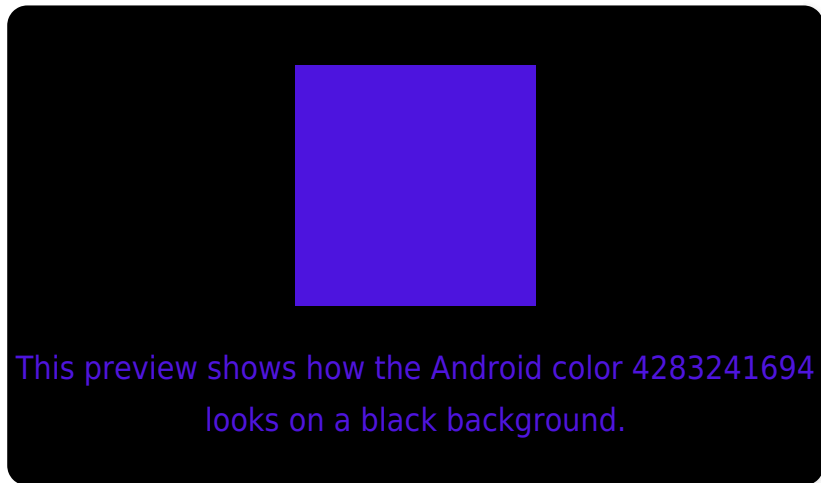
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

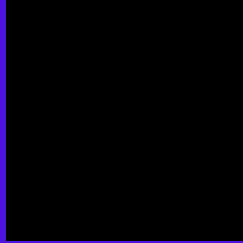
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4283241694 Background



This preview shows how black text looks on a background with the Android color 4283241694.



This preview shows how white text looks on a background with the Android color 4283241694.

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



Original Color
4283241694

Protanopia
4278209180

Deuteranopia
4278210437

Trichromacy



Original Color
4283241694

Protanomaly
4280039092

Deuteranomaly
4280040101

Tritanomaly
4280040843

Monochromacy



Original Color
4283241694

Achromatopsia
4282137660

Achromatomaly
4282527095

CSS Examples

Text

The CSS property to change the color of the text to Android 4283241694 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, 20, 222)` looks like.

```
.text, #text, p{  
    color:rgb(77, 20, 222)  
}
```

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, 20, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 20, 222) }
```

Border

The CSS property to change the border of an element to Android 4283241694 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, 20, 222) }
```

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

```
.border{ border-color:rgb(77, 20, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 20, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 20, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 20, 222);  
box-shadow:4px 4px 4px 4px rgb(77, 20,  
222) }
```

Background

The CSS property to change the background color of an element to Android 4283241694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 20, 222) }
```

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

```
.background{ background-color: rgb(77, 20,  
222) }
```

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