

Converting Colors

Android(4283134458)

Have a look what the booklet for
Android(4283134458) contains.

Android(4283134458)	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(4283134458)

Conversions

Conversions Part 1

Format	Color
Hex	4B71FA
RGB	75, 113, 250
RGB Percent	29%, 44%, 98%
CMY	0.7059, 0.5569, 0.0196
CMYK	0.70, 0.55, 0.00, 0.02
HSL	227°, 95%, 64%
HSV	227°, 70%, 98%
XYZ	26.0621, 20.2082, 92.9694
YIQ	117.2560, -66.6250, 34.5510

Conversions

Conversions Part 2

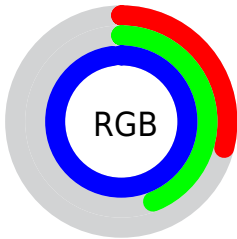
Format	Color
R _Y B	75, 106, 250
Decimal	4944378
CIE Lab	52.07, 31.42, -72.37
CIE LCh	52, 78.900, 293.467
Yxy	20.2082, 0.1872, 0.1451
Android (android.graphics.Color)	4283134458 (0xFF4B71FA)
YUV	117.2560, 65.4428, -37.0585
Hunter-Lab	44.9536, 24.8177, -91.1514

Details

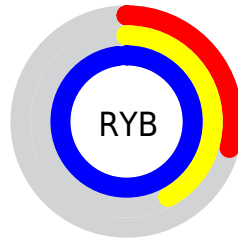
The Android color `4283134458` is a dark color, and the websafe version is hex `3366FF`. The color can be described as middle washed azure. A complement of this color would be `4294628427`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4287603967`, and `4278207168` is the 20% darker color. If you saturate the color by 10%, you get `4281490938`, and if you desaturate by 10%, it is `4284777978`.

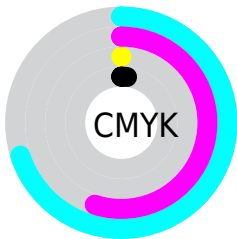
Distribution



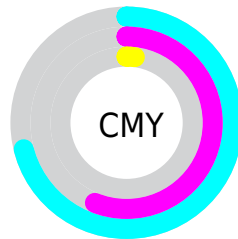
- Red (29%)
- Green (44%)
- Blue (98%)



- Red (29%)
- Yellow (42%)
- Blue (98%)



- Cyan (70%)
- Magenta (55%)
- Yellow (0%)
- Black (2%)



- Cyan (71%)
- Magenta (56%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283134458 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 4283134458 by changing the saturation by 10% instead.

 4283134458

 4283134458

4294967295

 4279851485

 4287603967

 4278207168

 4289642495

 4278201765

 4291681279

 4278196873

 4293720319

 4278190959

 4278193238

 4278191677

 4278190887

 4278190352

■ 4283134458

■ 4283134458

■ 4281490938

■ 4284777978

■ 4279847674

■ 4286421242

■ 4278204154

■ 4288064762

■ 4289708026

■ 4291351546

■ 4292994810

■ 4294638330

■ 4294967290

Harmonies

Analogous

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



4278225407



4283134458



4290595790

Triad

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



4283134458



4292039680



4278229099

Complementary

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



4283134458



4294628427

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.



4278227744



4283134458



4288902144

Square

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



4283134458



4293798219



4284778496



4278229425

Rectangle

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



4283134458



4292881316



4284778496



4278228819

Sweetspot

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



4283134458



4291417599



4283169489



4284508032



4278190080



4286611584

Same Dimension

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



4283134458



4280899583



4286204922



4285559677



4278200765



4278193469

Inverse Universe

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



4294593393



4294912343



4291557963



4286410867



4290576425



4282187789

Previews

White Background



This preview shows how the Android color 4283134458 looks on a white background.

Color Contrast Check

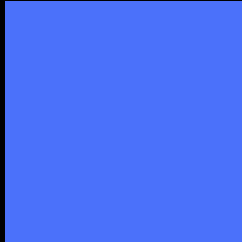
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4283134458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

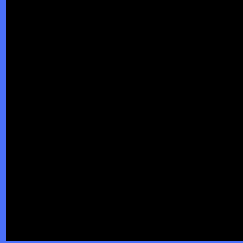
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Android 4283134458 Background



This preview shows how black text looks on a background with the Android color 4283134458.

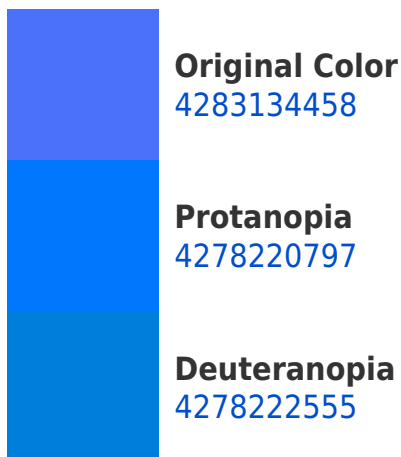


This preview shows how white text looks on a background with the Android color 4283134458.

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
4283134458

Protanomaly
4279989756

Deuteranomaly
4279990758

Tritanomaly
4279992504

Monochromacy



Original Color
4283134458

Achromatopsia
4285887861

Achromatomaly
4284904613

CSS Examples

Text

The CSS property to change the color of the text to Android 4283134458 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(75, 113, 250)` looks like.

```
.text, #text, p{  
    color:rgb(75, 113, 250)  
}
```

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(75, 113, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 113, 250) }
```

Border

The CSS property to change the border of an element to Android 4283134458 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(75, 113, 250) }
```

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

```
.border{ border-color:rgb(75, 113, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 113, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 113, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 113, 250);  
box-shadow:4px 4px 4px 4px rgb(75, 113,  
250) }
```

Background

The CSS property to change the background color of an element to Android 4283134458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 113, 250) }
```

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

```
.background{ background-color: rgb(75, 113,  
250) }
```

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