

Converting Colors

Android(4281502447)

Have a look what the booklet for
Android(4281502447) contains.

Android(4281502447)	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(4281502447)

Conversions

Conversions Part 1

Format	Color
Hex	328AEF
RGB	50, 138, 239
RGB Percent	20%, 54%, 94%
CMY	0.8039, 0.4588, 0.0627
CMYK	0.79, 0.42, 0.00, 0.06
HSL	212°, 86%, 57%
HSV	212°, 79%, 94%
XYZ	25.9839, 25.0871, 85.1341
YIQ	123.2020, -84.8690, 12.7550

Conversions

Conversions Part 2

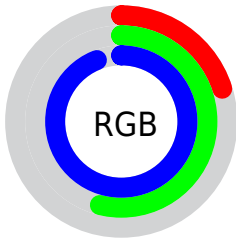
Format	Color
R _Y B	50, 110, 239
Decimal	3312367
CIE Lab	57.16, 9.16, -58.11
CIE LCh	57, 58.831, 278.960
Yxy	25.0871, 0.1908, 0.1842
Android (android.graphics.Color)	4281502447 (0xFF328AEF)
YUV	123.2020, 57.0884, -64.1982
Hunter-Lab	50.0870, 4.9490, -65.7159

Details

The Android color `4281502447` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4293891890`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4286365695`, and `4278213046` is the 20% darker color. If you saturate the color by 10%, you get `4279926255`, and if you desaturate by 10%, it is `4283078639`.

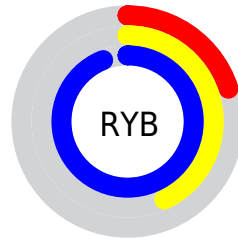
Distribution



Red (20%)

Green (54%)

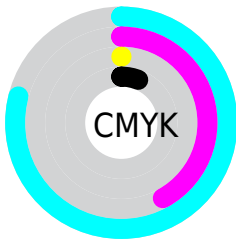
Blue (94%)



Red (20%)

Yellow (43%)

Blue (94%)

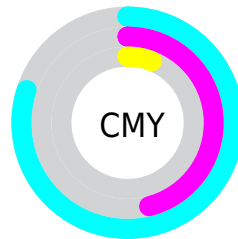


Cyan (79%)

Magenta (42%)

Yellow (0%)

Black (6%)



Cyan (80%)

















Magenta (46%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281502447 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 4281502447 by changing the saturation by 10% instead.

 4281502447	 4281502447
4294967295	 4278219218
 4286365695	 4278213046
 4288470015	 4278207131
 4290508799	 4278201728
 4292542463	 4278197095
 4294574079	 4278192718
	 4278191414
	 4278190624
	 4278190084

■ 4281502447

■ 4281502447

■ 4279926255

■ 4283078639

■ 4278350063

■ 4284654831

■ 4278218735

■ 4286230767

■ 4287806959

■ 4289317615

■ 4290893807

■ 4292469743

■ 4294045935

■ 4294966767

Harmonies

Analogous

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



4278229481



4281502447



4288640474

Triad

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



4281502447



4292699211



4278230882

Complementary

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



4281502447



4293891890

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.



4284323891



4281502447



4290804003

Square

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



4281502447



4293285756



4287990802



4278231704

Rectangle

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



4281502447



4291126975



4287990802



4280196433

Sweetspot

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



4281502447



4290961151



4281528215



4284181632



4278190080



4286611584

Same Dimension

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



4281502447



4279074559



4281873135



4285297016



4278212024



4278196792

Inverse Universe

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



4293866122



4294905214



4293521202



4286082161



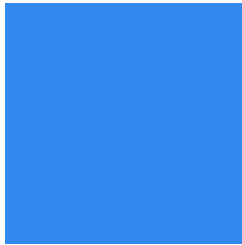
4290248789



4281860122

Previews

White Background



This preview shows how the Android color 4281502447 looks on a white background.

Color Contrast Check

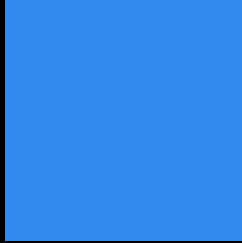
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281502447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

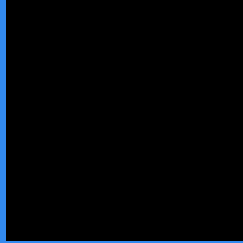
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

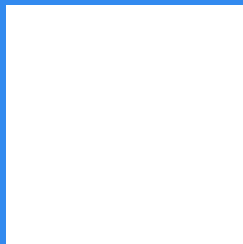
Any Text WCAG AAA × Fail

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

Android 4281502447 Background



This preview shows how black text looks on a background with the Android color 4281502447.



This preview shows how white text looks on a background with the Android color 4281502447.

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





Tritanopia
4278228898

Trichromacy



Original Color
4281502447

Protanomaly
4283271148

Deuteranomaly
4281436911

Tritanomaly
4279407294

Monochromacy



Original Color
4281502447

Achromatopsia
4286282619

Achromatomaly
4284514469

CSS Examples

Text

The CSS property to change the color of the text to Android 4281502447 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(50, 138, 239)` looks like.

```
.text, #text, p{  
    color:rgb(50, 138, 239)  
}
```

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(50, 138, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 138, 239) }
```

Border

The CSS property to change the border of an element to Android 4281502447 is called "border". The border property can be set on classes, ids or directly on the HTML element.

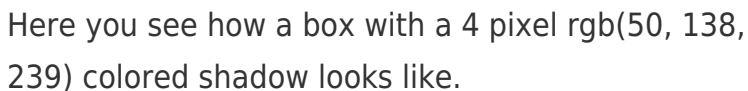
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(50, 138, 239) }
```

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

```
.border{ border-color:rgb(50, 138, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(50, 138, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 138, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 138, 239);  
box-shadow:4px 4px 4px 4px rgb(50, 138,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4281502447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 138, 239) }
```

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

```
.background{ background-color: rgb(50, 138,  
239) }
```

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