

Converting Colors

Android(4287278561)

Have a look what the booklet for
Android(4287278561) contains.

Android(4287278561)	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(4287278561)

Conversions

Conversions Part 1

Format	Color
Hex	8AADE1
RGB	138, 173, 225
RGB Percent	54%, 68%, 88%
CMY	0.4588, 0.3216, 0.1176
CMYK	0.39, 0.23, 0.00, 0.12
HSL	216°, 59%, 71%
HSV	216°, 39%, 88%
XYZ	39.0154, 40.7267, 77.0389
YIQ	168.4630, -37.5520, 8.7520

Conversions

Conversions Part 2

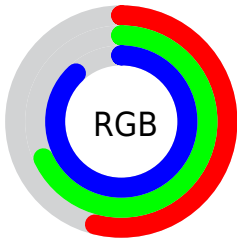
Format	Color
R _{YB}	138, 163, 225
Decimal	9088481
CIE Lab	69.98, 0.97, -29.97
CIE LCh	70, 29.984, 271.861
Yxy	40.7267, 0.2489, 0.2598
Android (android.graphics.Color)	4287278561 (0xFF8AADE1)
YUV	168.4630, 27.8727, -26.7161
Hunter-Lab	63.8174, -2.5528, -26.9012

Details

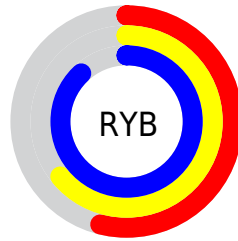
The Android color `4287278561` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292984458`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4290962687`, and `4283726250` is the 20% darker color. If you saturate the color by 10%, you get `4285767905`, and if you desaturate by 10%, it is `4288723681`.

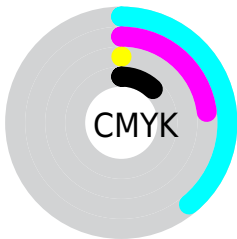
Distribution



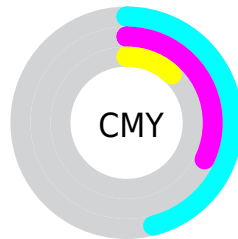
- Red (54%)
- Green (68%)
- Blue (88%)



- Red (54%)
- Yellow (64%)
- Blue (88%)



- Cyan (39%)
- Magenta (23%)
- Yellow (0%)
- Black (12%)



- Cyan (46%)
- Magenta (32%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287278561 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 4287278561 by changing the saturation by 10% instead.

 4287278561

 4287278561

4294967295

 4285502405

 4290962687

 4283726250

 4292870143

 4281950351

 4294770687

 4279912821

 4278202972

 4278197828

 4278190894

 4278190360

 4278190080

■ 4287278561

■ 4287278561

■ 4285767905

■ 4288723681

■ 4284322529

■ 4290234593

■ 4282811873

■ 4291745249

■ 4281366497

■ 4293190625

■ 4279855841

■ 4294701281

■ 4278410465

■ 4294967009

■ 4278213601

■ 4294967265

Harmonies

Analogous

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



4284790234



4287278561



4289831897

Triad

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



4287278561



4292909456



4286625937

Complementary

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



4287278561



4292984458

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.



4288655996



4287278561



4292059516

Square

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



4287278561



4292843434



4290620021



4284660396

Rectangle

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



4287278561



4291272141



4290620021



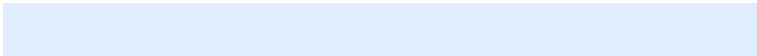
4287280777

Sweetspot

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



4287278561



4292931071



4287291837



4285429120



4278190080



4286611584

Same Dimension

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



4287278561



4287281663



4287728353



4284836208



4278208432



4278194992

Inverse Universe

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



4292971181



4294937273



4292534666



4285556073



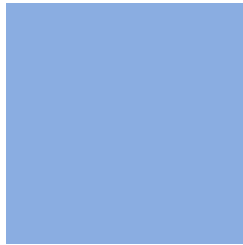
4289724487



4281335827

Previews

White Background



This preview shows how the Android color 4287278561 looks on a white background.

Color Contrast Check

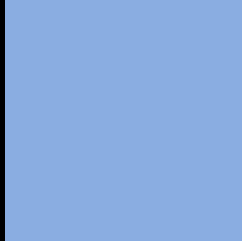
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4287278561 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 ✓ Pass

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

Android 4287278561 Background



This preview shows how black text looks on a background with the Android color 4287278561.



This preview shows how white text looks on a background with the Android color 4287278561.

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
4287278561

Protanopia
4288457182

Deuteranopia
4288522466

Trichromacy



Original Color
4287278561

Protanomaly
4287998687

Deuteranomaly
4288064226

Tritanomaly
4286951885

Monochromacy



Original Color
4287278561

Achromatopsia
4289243304

Achromatomaly
4288522941

CSS Examples

Text

The CSS property to change the color of the text to Android 4287278561 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(138, 173, 225)` looks like.

```
.text, #text, p{  
    color:rgb(138, 173, 225)  
}
```

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(138, 173, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 173, 225) }
```

Border

The CSS property to change the border of an element to Android 4287278561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

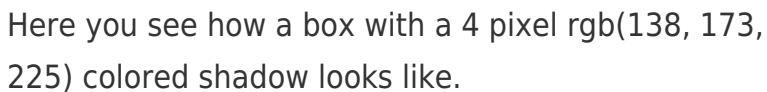
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 173, 225) }
```

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

```
.border{ border-color:rgb(138, 173, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 173, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 173, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 173, 225); box-shadow:4px 4px 4px 4px rgb(138, 173, 225) }
```

Background

The CSS property to change the background color of an element to Android 4287278561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 173, 225) }
```

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

```
.background{ background-color: rgb(138,  
173, 225) }
```

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