

Converting Colors

Android(4282158815)

Have a look what the booklet for
Android(4282158815) contains.

Android(4282158815)	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(4282158815)

Conversions

Conversions Part 1

Format	Color
Hex	3C8EDF
RGB	60, 142, 223
RGB Percent	24%, 56%, 87%
CMY	0.7647, 0.4431, 0.1255
CMYK	0.73, 0.36, 0.00, 0.13
HSL	210°, 72%, 55%
HSV	210°, 73%, 87%
XYZ	24.8558, 25.6344, 73.4499
YIQ	126.7160, -74.8730, 7.8070

Conversions

Conversions Part 2

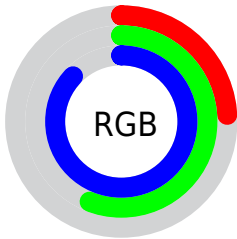
Format	Color
R_{YB}	60, 115, 223
Decimal	3968735
CIE _{Lab}	57.69, 2.12, -48.36
CIE _{LCh}	58, 48.402, 272.510
Yxy	25.6344, 0.2005, 0.2068
Android (android.graphics.Color)	4282158815 (0xFF3C8EDF)
YUV	126.7160, 47.4680, -58.5099
Hunter-Lab	50.6304, -0.9730, -50.5712

Details

The Android color `4282158815` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle muted azure. A complement of this color would be `4292840764`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4286563327`, and `4278213799` is the 20% darker color. If you saturate the color by 10%, you get `4280714207`, and if you desaturate by 10%, it is `4283603423`.

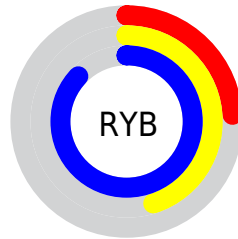
Distribution



Red (24%)

Green (56%)

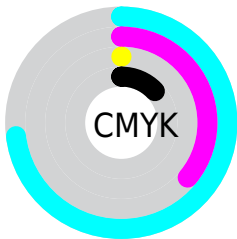
Blue (87%)



Red (24%)

Yellow (45%)

Blue (87%)

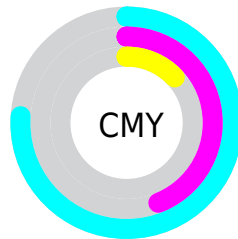


Cyan (73%)

Magenta (36%)

Yellow (0%)

Black (13%)



Cyan (76%)

Magenta (44%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282158815 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 4282158815 by changing the saturation by 10% instead.



4282158815



4282158815

4294967295



4278220227



4286563327



4278213799



4288536575



4278207884



4290575615



4278202482



4292542463



4278197337



4294508543



4278191937



4278190890



4278190357



4278190080

■ 4282158815

■ 4282158815

■ 4280714207

■ 4283603423

■ 4279204063

■ 4285113567

■ 4278218975

■ 4286558175

■ 4288002783

■ 4289512927

■ 4290957535

■ 4292402399

■ 4293847007

■ 4294963935

Harmonies

Analogous

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



4278229461



4282158815



4287725266

Triad

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



4282158815



4292242271



4281834594

Complementary

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



4282158815



4292840764

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.



4285830463



4282158815



4290869823

Square

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



4282158815



4292306313



4288645681



4278231181

Rectangle

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



4282158815



4290016191



4288645681



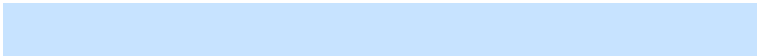
4283472725

Sweetspot

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



4282158815



4291290111



4282179467



4284379008



4278190080



4286611584

Same Dimension

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



4282158815



4280258559



4282138591



4284836720



4278213040



4278196272

Inverse Universe

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



4292820110



4294909839



4292860988



4285556075



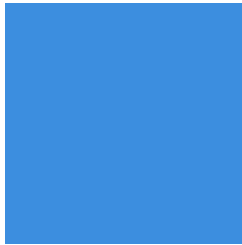
4289724505



4281335832

Previews

White Background



This preview shows how the Android color 4282158815 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 4282158815 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 4282158815 Background



This preview shows how black text looks on a background with the Android color 4282158815.



This preview shows how white text looks on a background with the Android color 4282158815.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4282158815 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(60, 142, 223)` looks like.

```
.text, #text, p{  
    color:rgb(60, 142, 223)  
}
```

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(60, 142, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 142, 223) }
```

Border

The CSS property to change the border of an element to Android 4282158815 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(60, 142, 223) }
```

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

```
.border{ border-color:rgb(60, 142, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 142, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 142, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 142, 223);  
box-shadow:4px 4px 4px 4px rgb(60, 142,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4282158815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 142, 223) }
```

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

```
.background{ background-color: rgb(60, 142,  
223) }
```

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