

Converting Colors

Android(4281117415)

Have a look what the booklet for
Android(4281117415) contains.

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Color

Android(4281117415)

Conversions

Conversions Part 1

Format	Color
Hex	2CAAE7
RGB	44, 170, 231
RGB Percent	17%, 67%, 91%
CMY	0.8275, 0.3333, 0.0941
CMYK	0.81, 0.26, 0.00, 0.09
HSL	200°, 80%, 54%
HSV	200°, 81%, 91%
XYZ	29.8372, 35.0544, 80.7949
YIQ	139.2800, -94.6770, -7.7410

Conversions

Conversions Part 2

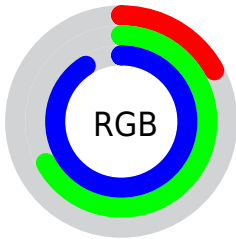
Format	Color
RYB	44, 119, 231
Decimal	2927335
CIELab	65.79, -12.73, -40.05
CIELCh	66, 42.023, 252.363
Yxy	35.0544, 0.2048, 0.2406
Android (android.graphics.Color)	4281117415 (0xFF2CAAE7)
YUV	139.2800, 45.2180, -83.5606
Hunter-Lab	59.2068, -13.6569, -39.4637

Details

The Android color **4281117415** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **4293355820**, and the grayscale version is **4287335307**.

A 20% lighter version of the original color is **4286112255**, and **4278220463** is the 20% darker color. If you saturate the color by 10%, you get **4279608039**, and if you desaturate by 10%, it is **4282626791**.

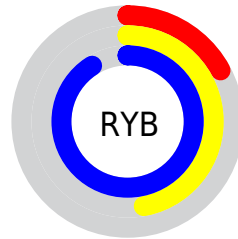
Distribution



Red (17%)

Green (67%)

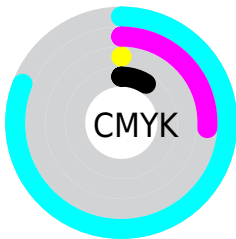
Blue (91%)



Red (17%)

Yellow (47%)

Blue (91%)

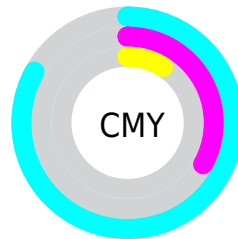


Cyan (81%)

Magenta (26%)

Yellow (0%)

Black (9%)



Cyan (83%)

Magenta (33%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281117415 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 4281117415 by changing the saturation by 10% instead.

 4281117415

 4281117415

4294967295

 4278227147

 4286112255

 4278220463

 4288216831

 4278214036

 4290248703

 4278208122

 4292280319

 4278202465

 4294311935

 4278197321

 4278191154

 4278190364

 4278190080

■ 4281117415

■ 4281117415

■ 4279608039

■ 4282626791

■ 4278230247

■ 4284135911

■ 4285645287

■ 4287154407

■ 4288729319

■ 4290238439

■ 4291747815

■ 4293256935

■ 4294766311

Harmonies

Analogous

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



4278235602



4281117415



4286619369

Triad

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



4281117415



4293427602



4286557286

Complementary

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



4281117415



4293355820

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.



4289241940



4281117415



4292970863

Square

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



4281117415



4292576440



4291466840



4283150984

Rectangle

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



4281117415



4289172960



4291466840



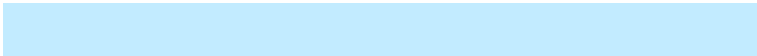
4287474014

Sweetspot

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



4281117415



4290964479



4281132903



4284183424



4278190080



4286611584

Same Dimension

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



4281117415



4278759167



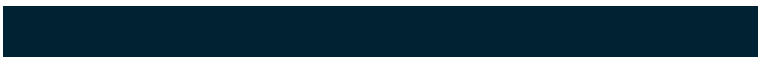
4281093863



4284968819



4278220979



4278198835

Inverse Universe

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



4293340330



4294903982



4293379372



4285753199



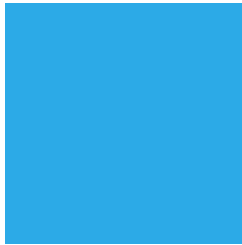
4289921144



4281532450

Previews

White Background



This preview shows how the Android color 4281117415 looks on a white background.

Color Contrast Check

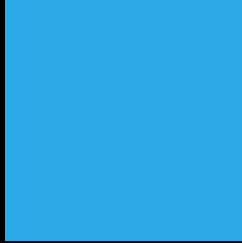
Large Text (above 18pt) WCAG AA × Fail

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 4281117415 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

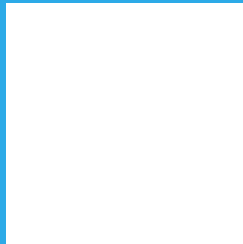
Any Text WCAG AAA ✓ Pass

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

Android 4281117415 Background



This preview shows how black text looks on a background with the Android color 4281117415.



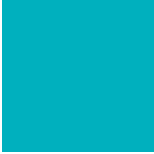
This preview shows how white text looks on a background with the Android color 4281117415.

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
4278235326

Trichromacy



Original Color

4281117415



Protanomaly

4285047264



Deuteranomaly

4284523241



Tritanomaly

4279283405

Monochromacy



Original Color

4281117415



Achromatopsia

4287335307



Achromatomaly

4285044396

CSS Examples

Text

The CSS property to change the color of the text to Android 4281117415 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(44, 170, 231)` looks like.

```
.text, #text, p{  
    color:rgb(44, 170, 231)  
}
```

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(44, 170, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 170, 231) }
```

Border

The CSS property to change the border of an element to Android 4281117415 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(44, 170, 231) }
```

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

```
.border{ border-color:rgb(44, 170, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 170, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 170, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 170, 231);  
box-shadow:4px 4px 4px 4px rgb(44, 170,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4281117415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 170, 231) }
```

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

```
.background{ background-color: rgb(44, 170,  
231) }
```

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](#).

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