

Converting Colors

Android(4281245417)

Have a look what the booklet for
Android(4281245417) contains.

Android(4281245417)	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>	28

Color

Android(4281245417)

Conversions

Conversions Part 1

Format	Color
Hex	2E9EE9
RGB	46, 158, 233
RGB Percent	18%, 62%, 91%
CMY	0.8196, 0.3804, 0.0863
CMYK	0.80, 0.32, 0.00, 0.09
HSL	204°, 81%, 55%
HSV	204°, 80%, 91%
XYZ	28.0616, 30.9178, 81.5795
YIQ	133.0620, -90.8270, -0.4190

Conversions

Conversions Part 2

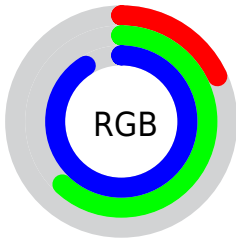
Format	Color
R _Y B	46, 116, 233
Decimal	3055337
CIE Lab	62.44, -5.16, -46.41
CIE LCh	62, 46.698, 263.657
Yxy	30.9178, 0.1996, 0.2200
Android (android.graphics.Color)	4281245417 (0xFF2E9EE9)
YUV	133.0620, 49.2694, -76.3534
Hunter-Lab	55.6037, -7.2229, -48.0652

Details

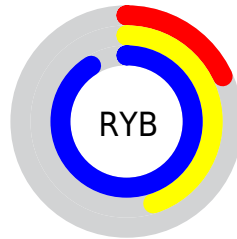
The Android color `4281245417` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4293490990`, and the grayscale version is `4286940549`.

A 20% lighter version of the original color is `4286174463`, and `4278217649` is the 20% darker color. If you saturate the color by 10%, you get `4279735785`, and if you desaturate by 10%, it is `4282755049`.

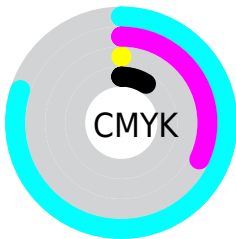
Distribution



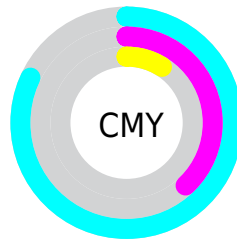
- Red (18%)
- Green (62%)
- Blue (91%)



- Red (18%)
- Yellow (45%)
- Blue (91%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (9%)



- Cyan (82%)
- Magenta (38%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281245417 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 4281245417 by changing the saturation by 10% instead.



4281245417



4281245417

4294967295



4278224077



4286174463



4278217649



4288213503



4278211478



4290248703



4278205564



4292280319



4278200162



4294311935



4278195018



4278191155



4278190621



4278190080

■ 4281245417

■ 4281245417

■ 4279735785

■ 4282755049

■ 4278226153

■ 4284330473

■ 4285840105

■ 4287349737

■ 4288925161

■ 4290434793

■ 4291944425

■ 4293454313

■ 4294963945

Harmonies

Analogous

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



4278233049



4281245417



4287402211

Triad

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



4281245417



4293162616



4284327780

Complementary

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



4281245417



4293490990

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.



4287602504



4281245417



4292182613

Square

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



4281245417



4292834722



4290220610



4278233996

Rectangle

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



4281245417



4289955283



4290220610



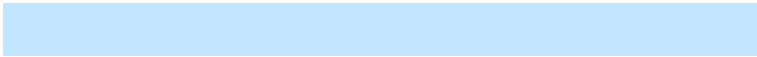
4285506905

Sweetspot

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



4281245417



4290963199



4281264505



4284182912



4278190080



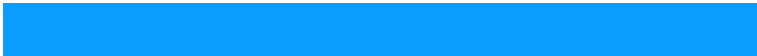
4286611584

Same Dimension

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



4281245417



4278885887



4281221609



4285165941



4278217909



4278198326

Inverse Universe

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



4293471902



4294904477



4293514798



4285885041



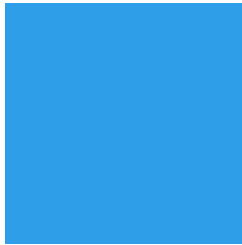
4290052204



4281729056

Previews

White Background



This preview shows how the Android color 4281245417 looks on a white background.

Color Contrast Check

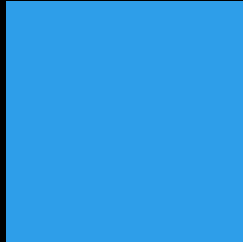
Large Text (above 18pt) WCAG AA × Fail

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 4281245417 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

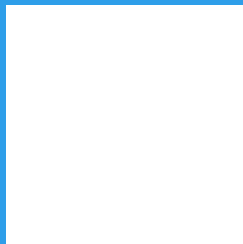
Any Text WCAG AAA ✓ Pass

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

Android 4281245417 Background



This preview shows how black text looks on a background with the Android color 4281245417.



This preview shows how white text looks on a background with the Android color 4281245417.

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
4281245417

Protanomaly
4284520419

Deuteranomaly
4283668970

Monochromacy



Original Color
4281245417

Achromatopsia
4286940549

Achromatomaly
4284845737

CSS Examples

Text

The CSS property to change the color of the text to Android 4281245417 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(46, 158, 233)` looks like.

```
.text, #text, p{  
    color:rgb(46, 158, 233)  
}
```

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(46, 158, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 158, 233) }
```

Border

The CSS property to change the border of an element to Android 4281245417 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(46, 158, 233) }
```

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

```
.border{ border-color:rgb(46, 158, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 158, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 158, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 158, 233);  
box-shadow:4px 4px 4px 4px rgb(46, 158,  
233) }
```

Background

The CSS property to change the background color of an element to Android 4281245417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 158, 233) }
```

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

```
.background{ background-color: rgb(46, 158,  
233) }
```

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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