

Converting Colors

Android(4283013099)

Have a look what the booklet for
Android(4283013099) contains.

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Color

Android(4283013099)

Conversions

Conversions Part 1

Format	Color
Hex	4997EB
RGB	73, 151, 235
RGB Percent	29%, 59%, 92%
CMY	0.7137, 0.4078, 0.0784
CMYK	0.69, 0.36, 0.00, 0.08
HSL	211°, 80%, 60%
HSV	211°, 69%, 92%
XYZ	28.8097, 29.5478, 82.7821
YIQ	137.2540, -73.4520, 9.5880

Conversions

Conversions Part 2

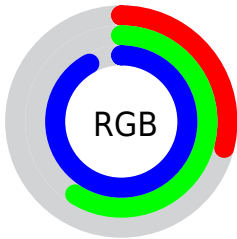
Format	Color
RYB	73, 126, 235
Decimal	4823019
CIELab	61.26, 2.84, -49.33
CIELCh	61, 49.410, 273.298
Yxy	29.5478, 0.2041, 0.2094
Android (android.graphics.Color)	4283013099 (0xFF4997EB)
YUV	137.2540, 48.1888, -56.3508
Hunter-Lab	54.3579, -0.5215, -52.2427

Details

The Android color `4283013099` is a light color, and the websafe version is hex `3399FF`. The color can be described as light muted azure. A complement of this color would be `4293631305`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4287286783`, and `4278216115` is the 20% darker color. If you saturate the color by 10%, you get `4281502699`, and if you desaturate by 10%, it is `4284589035`.

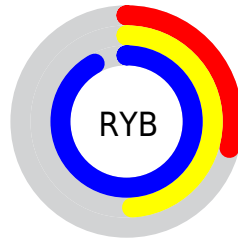
Distribution



Red (29%)

Green (59%)

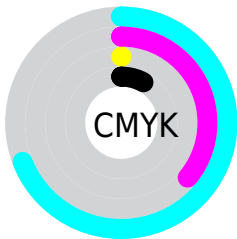
Blue (92%)



Red (29%)

Yellow (49%)

Blue (92%)

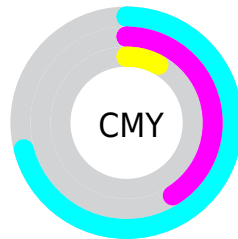


Cyan (69%)

Magenta (36%)

Yellow (0%)

Black (8%)



Cyan (71%)

Magenta (41%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283013099 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 4283013099 by changing the saturation by 10% instead.

 4283013099

 4283013099

4294967295

 4280122831

 4287286783

 4278216115

 4289260031

 4278209944

 4291297279

 4278204285

 4293263359

 4278199140

 4278192971

 4278191156

 4278190622

 4278190080

■ 4283013099

■ 4283013099

■ 4281502699

■ 4284589035

■ 4279926763

■ 4286099435

■ 4278350571

■ 4287610091

■ 4278219243

■ 4289186027

■ 4290761963

■ 4292272363

■ 4293848299

■ 4294965483

■ 4294967275

Harmonies

Analogous

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



4278232033



4283013099



4288513757

Triad

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



4283013099



4293031014



4282230635

Complementary

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



4283013099



4293631305

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.



4286291783



4283013099



4291593029

Square

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



4283013099



4293160593



4289237816



4278233751

Rectangle

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



4283013099



4290804681



4289237816



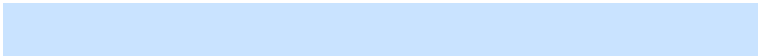
4283868510

Sweetspot

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



4283013099



4291421183



4283034525



4284510080



4278190080



4286611584

Same Dimension

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



4283013099



4281045503



4283189739



4285165429



4278212533



4278196790

Inverse Universe

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



4293609879



4294912913



4293454665



4285885039



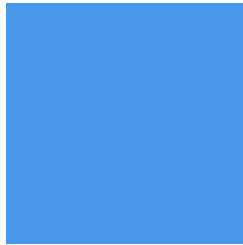
4290052183



4281729050

Previews

White Background



This preview shows how the Android color 4283013099 looks on a white background.

Color Contrast Check

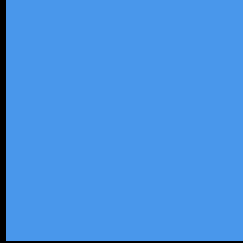
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283013099 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

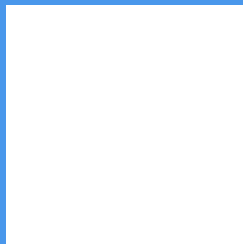
Any Text WCAG AAA × Fail

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

Android 4283013099 Background



This preview shows how black text looks on a background with the Android color 4283013099.



This preview shows how white text looks on a background with the Android color 4283013099.

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 4283013099 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(73, 151, 235)` looks like.

```
.text, #text, p{  
    color:rgb(73, 151, 235)  
}
```

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(73, 151, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 151, 235) }
```

Border

The CSS property to change the border of an element to Android 4283013099 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(73, 151, 235) }
```

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

```
.border{ border-color:rgb(73, 151, 235) }
```

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

Here you see how a box with a 4 pixel rgb(73, 151, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 151, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 151, 235);  
box-shadow:4px 4px 4px 4px rgb(73, 151,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4283013099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 151, 235) }
```

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

```
.background{ background-color: rgb(73, 151,  
235) }
```

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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