

Converting Colors

Android(4281636821)

Have a look what the booklet for
Android(4281636821) contains.

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Color

Android(4281636821)

Conversions

Conversions Part 1

Format	Color
Hex	3497D5
RGB	52, 151, 213
RGB Percent	20%, 59%, 84%
CMY	0.7961, 0.4078, 0.1647
CMYK	0.76, 0.29, 0.00, 0.16
HSL	203°, 66%, 52%
HSV	203°, 76%, 84%
XYZ	24.4930, 27.6674, 67.0002
YIQ	128.4670, -78.9060, -1.7060

Conversions

Conversions Part 2

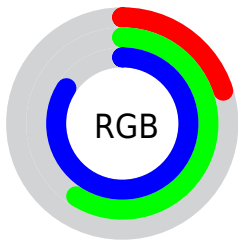
Format	Color
R_{YB}	52, 113, 213
Decimal	3446741
CIE Lab	59.59, -7.63, -39.79
CIE LCh	60, 40.514, 259.149
Yxy	27.6674, 0.2055, 0.2322
Android (android.graphics.Color)	4281636821 (0xFF3497D5)
YUV	128.4670, 41.6748, -67.0616
Hunter-Lab	52.5998, -8.9313, -38.7022

Details

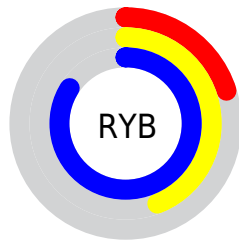
The Android color `4281636821` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle muted azure. A complement of this color would be `4292178484`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4286107135`, and `4278215838` is the 20% darker color. If you saturate the color by 10%, you get `4280258517`, and if you desaturate by 10%, it is `4283015125`.

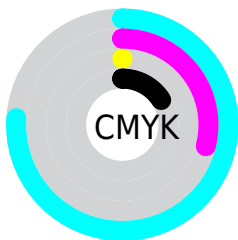
Distribution



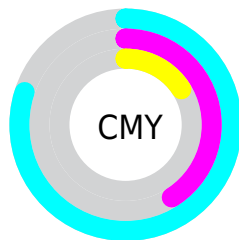
- Red (20%)
- Green (59%)
- Blue (84%)



- Red (20%)
- Yellow (44%)
- Blue (84%)



- Cyan (76%)
- Magenta (29%)
- Yellow (0%)
- Black (16%)



















- Cyan (80%)
- Magenta (41%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281636821 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 4281636821 by changing the saturation by 10% instead.

 4281636821	 4281636821
4294967295	 4278222265
 4286107135	 4278215838
 4288145919	 4278209924
 4290117631	 4278204010
 4292083711	 4278198609
 4294115327	 4278191674
	 4278190628
	 4278190091
	 4278190080

■ 4281636821

■ 4281636821

■ 4280258517

■ 4283015125

■ 4278814677

■ 4284458965

■ 4278223829

■ 4285837525

■ 4287215829

■ 4288659669

■ 4290037973

■ 4291416277

■ 4292794837

■ 4294238677

Harmonies

Analogous

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



4278230980



4281636821



4286483411

Triad

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



4281636821



4292113274



4284915039

Complementary

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



4281636821



4292178484

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.



4287599946



4281636821



4291394651

Square

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



4281636821



4291589278



4289825097



4281180545

Rectangle

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



4281636821



4288774855



4289825097



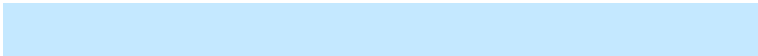
4285831767

Sweetspot

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



4281636821



4291094783



4281652594



4284248704



4278190080



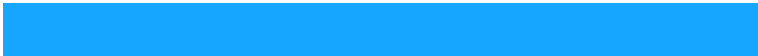
4286611584

Same Dimension

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



4281636821



4279740159



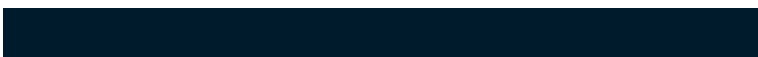
4281616341



4284508011



4278217131



4278197035

Inverse Universe

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



4292162711



4294907814



4292198964



4285227111



4289396841



4281008155

Previews

White Background



This preview shows how the Android color 4281636821 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 4281636821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

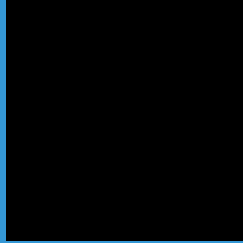
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

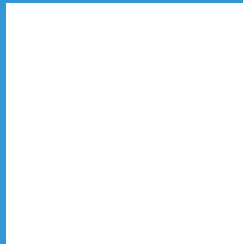
Any Text WCAG AAA × Fail

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

Android 4281636821 Background



This preview shows how black text looks on a background with the Android color 4281636821.

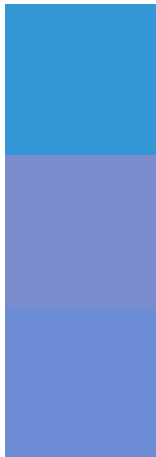


This preview shows how white text looks on a background with the Android color 4281636821.

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
4281636821

Protanopia
4286221516

Deuteranopia
4285370071



Trichromacy



Original Color
4281636821

Protanomaly
4284584143

Deuteranomaly
4283994582

Tritanomaly
4279475130

Monochromacy



Original Color
4281636821

Achromatopsia
4286611584

Achromatomaly
4284778655

CSS Examples

Text

The CSS property to change the color of the text to Android 4281636821 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(52, 151, 213)` looks like.

```
.text, #text, p{  
    color:rgb(52, 151, 213)  
}
```

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(52, 151, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 151, 213) }
```

Border

The CSS property to change the border of an element to Android 4281636821 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(52, 151, 213) }
```

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

```
.border{ border-color:rgb(52, 151, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 151, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 151, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 151, 213);  
box-shadow:4px 4px 4px 4px rgb(52, 151,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4281636821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 151, 213) }
```

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

```
.background{ background-color: rgb(52, 151,  
213) }
```

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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