

Converting Colors

Android(4282491633)

Have a look what the booklet for
Android(4282491633) contains.

Android(4282491633)	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(4282491633)

Conversions

Conversions Part 1

Format	Color
Hex	41A2F1
RGB	65, 162, 241
RGB Percent	25%, 64%, 95%
CMY	0.7451, 0.3647, 0.0549
CMYK	0.73, 0.33, 0.00, 0.05
HSL	207°, 86%, 60%
HSV	207°, 73%, 95%
XYZ	30.9775, 33.3154, 88.0169
YIQ	142.0030, -83.1710, 4.0050

Conversions

Conversions Part 2

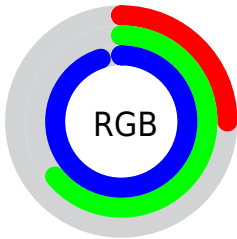
Format	Color
R _{YB}	65, 128, 241
Decimal	4301553
CIE Lab	64.42, -2.53, -47.66
CIE LCh	64, 47.728, 266.964
Yxy	33.3154, 0.2034, 0.2187
Android (android.graphics.Color)	4282491633 (0xFF41A2F1)
YUV	142.0030, 48.8055, -67.5316
Hunter-Lab	57.7195, -5.2098, -50.0082

Details

The Android color `4282491633` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294021185`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4286962175`, and `4278218680` is the 20% darker color. If you saturate the color by 10%, you get `4280915953`, and if you desaturate by 10%, it is `4284067313`.

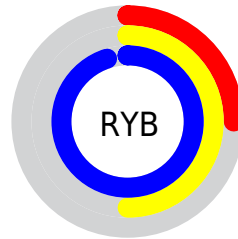
Distribution



Red (25%)

Green (64%)

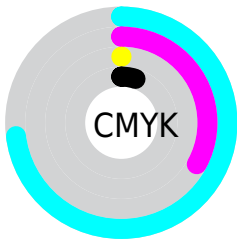
Blue (95%)



Red (25%)

Yellow (50%)

Blue (95%)

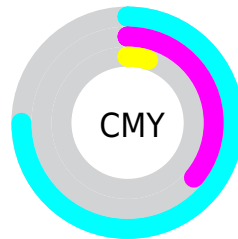


Cyan (73%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (36%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282491633 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 4282491633 by changing the saturation by 10% instead.

 4282491633

 4282491633

4294967295

 4278225108

 4286962175

 4278218680

 4289000959

 4278212509

 4291035135

 4278206595

 4293066751

 4278201193

 4278196048

 4278191417

 4278190626

 4278190089

■ 4282491633

■ 4282491633

■ 4280915953

■ 4284067313

■ 4279340273

■ 4285642993

■ 4278224369

■ 4287218417

■ 4288794097

■ 4290435313

■ 4292010993

■ 4293586673

■ 4294965745

■ 4294967281

Harmonies

Analogous

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



4278234339



4282491633



4288189416

Triad

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



4282491633



4293622648



4284132972

Complementary

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



4282491633



4294021185

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.



4287604045



4282491633



4292512086

Square

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



4282491633



4293425314



4290353220



4278235542

Rectangle

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



4282491633



4290676695



4290353220



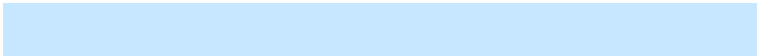
4285377376

Sweetspot

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



4282491633



4291290879



4282511757



4284379520



4278190080



4286611584

Same Dimension

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



4282491633



4280261375



4282469873



4285297272



4278216120



4278198072

Inverse Universe

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



4294001058



4294909850



4294042945



4286082162



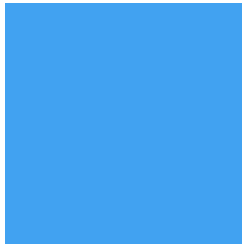
4290248805



4281860127

Previews

White Background



This preview shows how the Android color 4282491633 looks on a white background.

Color Contrast Check

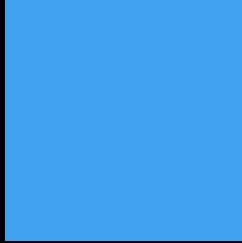
Large Text (above 18pt) WCAG AA × Fail

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 4282491633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

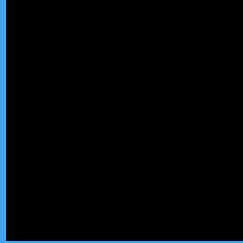
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

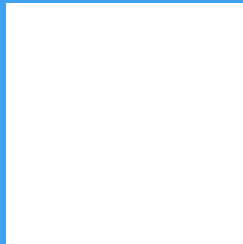
Any Text WCAG AAA ✓ Pass

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

Android 4282491633 Background



This preview shows how black text looks on a background with the Android color 4282491633.



This preview shows how white text looks on a background with the Android color 4282491633.

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
4282491633

Protanomaly
4285045996

Deuteranomaly
4284325618

Monochromacy



Original Color
4282491633

Achromatopsia
4287532686

Achromatomaly
4285699506

CSS Examples

Text

The CSS property to change the color of the text to Android 4282491633 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(65, 162, 241)` looks like.

```
.text, #text, p{  
    color:rgb(65, 162, 241)  
}
```

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(65, 162, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 162, 241) }
```

Border

The CSS property to change the border of an element to Android 4282491633 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(65, 162, 241) }
```

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

```
.border{ border-color:rgb(65, 162, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 162, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 162, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 162, 241);  
box-shadow:4px 4px 4px 4px rgb(65, 162,  
241) }
```

Background

The CSS property to change the background color of an element to Android 4282491633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 162, 241) }
```

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

```
.background{ background-color: rgb(65, 162,  
241) }
```

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