

Converting Colors

Android(4281581555)

Have a look what the booklet for
Android(4281581555) contains.

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Color

Android(4281581555)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------------|
| Hex | 33BFF3 |
| RGB | 51, 191, 243 |
| RGB Percent | 20%, 75%, 95% |
| CMY | 0.8000, 0.2510, 0.0471 |
| CMYK | 0.79, 0.21, 0.00, 0.05 |
| HSL | 196°, 89%, 58% |
| HSV | 196°, 79%, 95% |
| XYZ | 36.1737, 44.4365, 91.4646 |
| YIQ | 155.0680, -100.1320, -13.5080 |

Conversions

Conversions Part 2

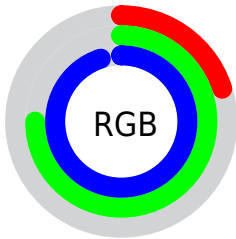
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 51, 132, 243 |
| Decimal | 3391475 |
| CIELab | 72.52, -19.20, -36.09 |
| CIElCh | 73, 40.882, 241.982 |
| Yxy | 44.4365, 0.2102, 0.2582 |
| Android (android.graphics.Color) | 4281581555 (0xFF33BFF3) |
| YUV | 155.0680, 43.3505, -91.2676 |
| Hunter-Lab | 66.6607, -19.7924, -34.6888 |

Details

The Android color `4281581555` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light washed azure. A complement of this color would be `4294141747`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4286576639`, and `4278225595` is the 20% darker color. If you saturate the color by 10%, you get `4280006899`, and if you desaturate by 10%, it is `4283156211`.

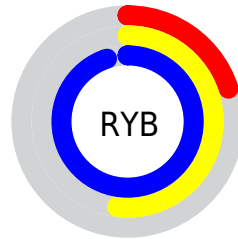
Distribution



Red (20%)

Green (75%)

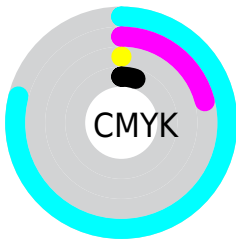
Blue (95%)



Red (20%)

Yellow (52%)

Blue (95%)

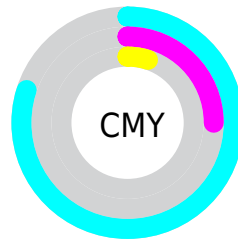


Cyan (79%)

Magenta (21%)

Yellow (0%)

Black (5%)



Cyan (80%)

Magenta (25%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281581555 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 4281581555 by changing the saturation by 10% instead.



4281581555



4281581555

4294967295



4278232278



4286576639



4278225595



4288675839



4278218911



4290707455



4278212741



4292804607



4278206572



4294836223



4278200915



4278195260



4278190629



4278190350

■ 4281581555

■ 4281581555

■ 4280006899

■ 4283156211

■ 4278366963

■ 4284796147

■ 4278235635

■ 4286370803

■ 4287945203

■ 4289519859

■ 4291159795

■ 4292734451

■ 4294309107

■ 4294966003

Harmonies

Analogous

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



4278240728



4281581555



4286494204

Triad

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



4281581555



4294481073



4288789361

Complementary

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



4281581555



4294141747

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.



4291342438



4281581555



4294482060

Square

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



4281581555



4293106646



4293370737



4285776782

Rectangle

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



4281581555



4289178871



4293370737



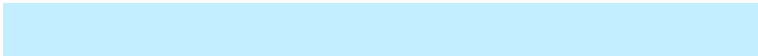
4289640555

Sweetspot

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



4281581555



4290965247



4281594726



4284183936



4278190080



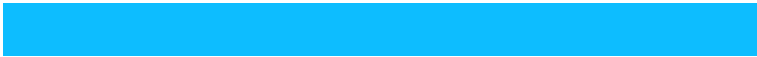
4286611584

Same Dimension

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



4281581555



4279090687



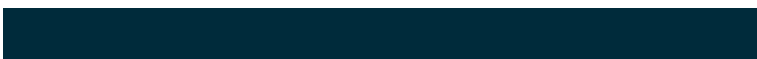
4281557235



4285429626



4278225082



4278201147

Inverse Universe

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



4294128575



4294905277



4294166067



4286213751



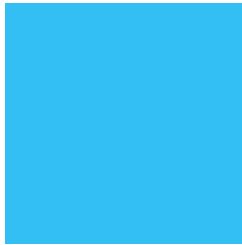
4290379912



4282056747

Previews

White Background



This preview shows how the Android color 4281581555 looks on a white background.

Color Contrast Check

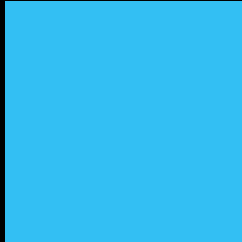
Large Text (above 18pt) WCAG AA × Fail

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 4281581555 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

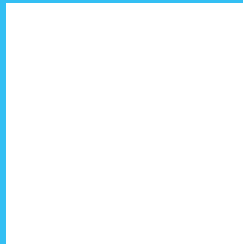
Any Text WCAG AAA ✓ Pass

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

Android 4281581555 Background



This preview shows how black text looks on a background with the Android color 4281581555.



This preview shows how white text looks on a background with the Android color 4281581555.

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



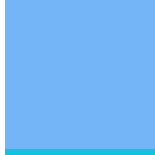
Original Color

4281581555



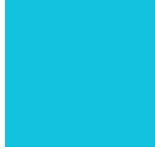
Protanomaly

4286166251



Deuteranomaly

4285773302



Tritanomaly

4279485151

Monochromacy



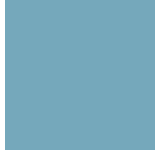
Original Color

4281581555



Achromatopsia

4288387995



Achromatomaly

4285900987

CSS Examples

Text

The CSS property to change the color of the text to Android 4281581555 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(51, 191, 243)` looks like.

```
.text, #text, p{  
    color:rgb(51, 191, 243)  
}
```

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(51, 191, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 191, 243) }
```

Border

The CSS property to change the border of an element to Android 4281581555 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(51, 191, 243) }
```

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

```
.border{ border-color:rgb(51, 191, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 191, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 191, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 191, 243);  
box-shadow:4px 4px 4px 4px rgb(51, 191,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4281581555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 191, 243) }
```

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

```
.background{ background-color: rgb(51, 191,  
243) }
```

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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