

Converting Colors

Android(4281581311)

Have a look what the booklet for
Android(4281581311) contains.

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Color

Android(4281581311)

Conversions

Conversions Part 1

Format	Color
Hex	33BEFF
RGB	51, 190, 255
RGB Percent	20%, 75%, 100%
CMY	0.8000, 0.2549, 0.0000
CMYK	0.80, 0.25, 0.00, 0.00
HSL	199°, 100%, 60%
HSV	199°, 80%, 100%
XYZ	37.8287, 44.7507, 101.2517
YIQ	155.8490, -103.7090, -9.2530

Conversions

Conversions Part 2

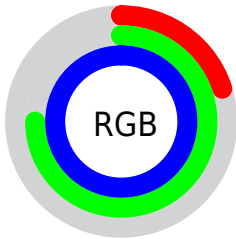
Format	Color
R _Y B	51, 134, 255
Decimal	3391231
CIE Lab	72.73, -14.66, -42.24
CIE LCh	73, 44.707, 250.861
Yxy	44.7507, 0.2058, 0.2434
Android (android.graphics.Color)	4281581311 (0xFF33BEFF)
YUV	155.8490, 48.8814, -91.9526
Hunter-Lab	66.8960, -16.1288, -42.9123

Details

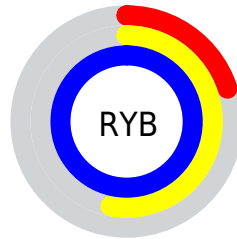
The Android color `4281581311` is a light color, and the websafe version is hex `66CCFF`. The color can be described as light washed azure. A complement of this color would be `4294931507`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4286641919`, and `4278225350` is the 20% darker color. If you saturate the color by 10%, you get `4279875327`, and if you desaturate by 10%, it is `4283287295`.

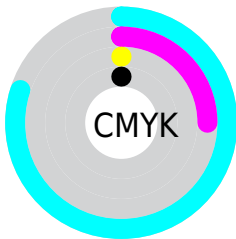
Distribution



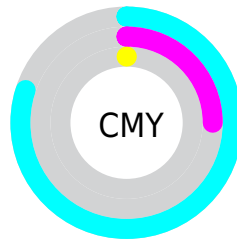
- Red (20%)
- Green (75%)
- Blue (100%)



- Red (20%)
- Yellow (53%)
- Blue (100%)



- Cyan (80%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)




- Cyan (80%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281581311 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 4281581311 by changing the saturation by 10% instead.

 4281581311

 4281581311

4294967295

 4278232034

 4286641919

 4278225350

 4288806911

 4278218666

 4290904063

 4278212496

 4292935679

 4278206582

 4278200925

 4278195781

 4278190894

 4278190360

■ 4281581311

■ 4281581311

■ 4279875327

■ 4283287295

■ 4278234879

■ 4284927743

■ 4286633727

■ 4288274431

■ 4289980415

■ 4291620863

■ 4293326847

4294967295

Harmonies

Analogous

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



4278240743



4281581311



4287476479

Triad

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



4281581311



4294939301



4287742067

Complementary

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



4281581311



4294931507

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.



4290688352



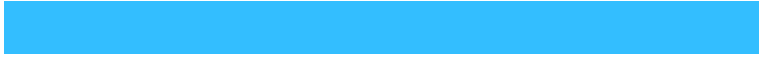
4281581311



4294678911

Square

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



4281581311



4294022606



4293044069



4284139158

Rectangle

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



4281581311



4290291705



4293044069



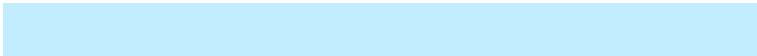
4288789610

Sweetspot

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



4281581311



4290964735



4281597812



4284183680



4278190080



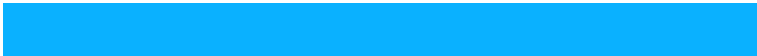
4286611584

Same Dimension

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



4281581311



4278891007



4281555199



4285758336



4278223551



4278201152

Inverse Universe

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



4294915006



4294904497



4294957619



4286608251



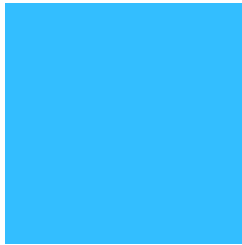
4290707586



4282384427

Previews

White Background



This preview shows how the Android color 4281581311 looks on a white background.

Color Contrast Check

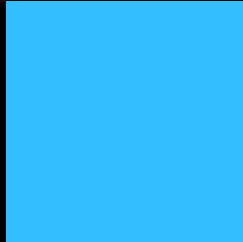
Large Text (above 18pt) WCAG AA × Fail

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 4281581311 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

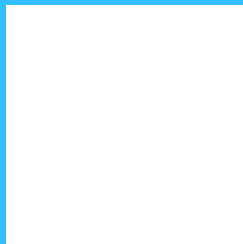
Any Text WCAG AAA ✓ Pass

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

Android 4281581311 Background



This preview shows how black text looks on a background with the Android color 4281581311.



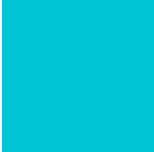
This preview shows how white text looks on a background with the Android color 4281581311.

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





Tritanopia
4278240724

Trichromacy



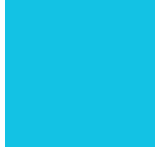
Original Color
4281581311



Protanomaly
4285969655



Deuteranomaly
4285511167

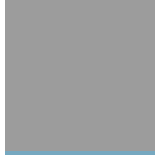


Tritanomaly
4279485156

Monochromacy



Original Color
4281581311



Achromatopsia
4288453788



Achromatomaly
4285966528

CSS Examples

Text

The CSS property to change the color of the text to Android 4281581311 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, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 190, 255)  
}
```

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, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 190, 255) }
```

Border

The CSS property to change the border of an element to Android 4281581311 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, 190, 255) }
```

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

```
.border{ border-color:rgb(51, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 190,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4281581311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 190, 255) }
```

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

```
.background{ background-color: rgb(51, 190,  
255) }
```

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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