

Converting Colors

Android(4281445106)

Have a look what the booklet for
Android(4281445106) contains.

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Color

Android(4281445106)

Conversions

Conversions Part 1

Format	Color
Hex	31AAF2
RGB	49, 170, 242
RGB Percent	19%, 67%, 95%
CMY	0.8078, 0.3333, 0.0510
CMYK	0.80, 0.30, 0.00, 0.05
HSL	202°, 88%, 57%
HSV	202°, 80%, 95%
XYZ	31.6684, 35.8132, 89.2479
YIQ	142.0290, -95.2280, -3.2600

Conversions

Conversions Part 2

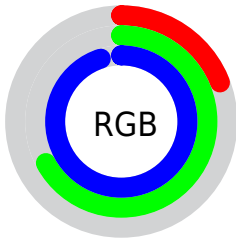
Format	Color
R _{YB}	49, 123, 242
Decimal	3255026
CIE Lab	66.38, -8.44, -45.14
CIE LCh	66, 45.926, 259.406
Yxy	35.8132, 0.2021, 0.2285
Android (android.graphics.Color)	4281445106 (0xFF31AAF2)
YUV	142.0290, 49.2857, -81.5864
Hunter-Lab	59.8442, -10.2685, -46.5306

Details

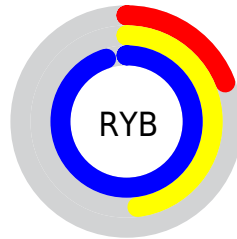
The Android color `4281445106` is a light color, and the websafe version is hex `3399CC`. The color can be described as light washed azure. A complement of this color would be `4294080817`, and the grayscale version is `4287532686`.

A 20% lighter version of the original color is `4286374399`, and `4278220473` is the 20% darker color. If you saturate the color by 10%, you get `4279869938`, and if you desaturate by 10%, it is `4283020274`.

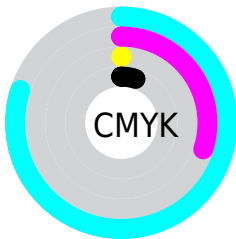
Distribution



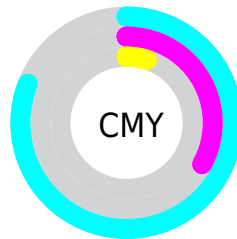
- Red (19%)
- Green (67%)
- Blue (95%)



- Red (19%)
- Yellow (48%)
- Blue (95%)



- Cyan (80%)
- Magenta (30%)
- Yellow (0%)
- Black (5%)



- Cyan (81%)
- Magenta (33%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281445106 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 4281445106 by changing the saturation by 10% instead.

 4281445106

 4281445106

4294967295

 4278227157

 4286374399

 4278220473

 4288478975

 4278214302

 4290576383

 4278208132

 4292607999

 4278202474

 4294639615

 4278197585

 4278191418

 4278190627

 4278190091

■ 4281445106

■ 4281445106

■ 4279869938

■ 4283020274

■ 4278294770

■ 4284595442

■ 4278229234

■ 4286236146

■ 4287811314

■ 4289386482

■ 4290961650

■ 4292536818

■ 4294177522

■ 4294966258

Harmonies

Analogous

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



4278236127



4281445106



4287536367

Triad

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



4281445106



4293951624



4285575530

Complementary

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



4281445106



4294080817

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.



4288718673



4281445106



4293102436

Square

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



4281445106



4293362098



4291271247



4280858257

Rectangle

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



4281445106



4290155233



4291271247



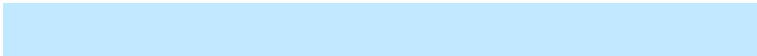
4286688863

Sweetspot

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



4281445106



4290963711



4281463416



4284183168



4278190080



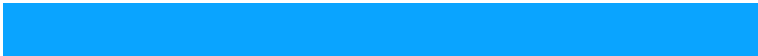
4286611584

Same Dimension

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



4281445106



4278887679



4281420786



4285297528



4278219704



4278199096

Inverse Universe

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



4294062506



4294904484



4294105137



4286082163



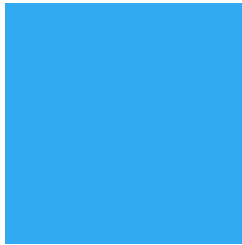
4290248819



4281860131

Previews

White Background



This preview shows how the Android color 4281445106 looks on a white background.

Color Contrast Check

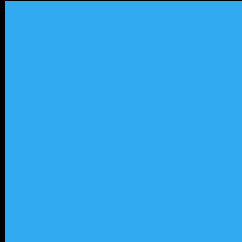
Large Text (above 18pt) WCAG AA × Fail

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 4281445106 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

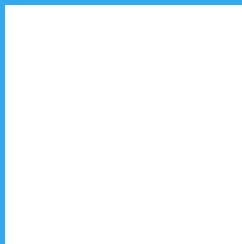
Any Text WCAG AAA ✓ Pass

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

Android 4281445106 Background



This preview shows how black text looks on a background with the Android color 4281445106.



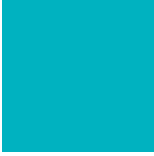
This preview shows how white text looks on a background with the Android color 4281445106.

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
4278235840

Trichromacy



Original Color

4281445106



Protanomaly

4285047532



Deuteranomaly

4284392691



Tritanomaly

4279414738

Monochromacy



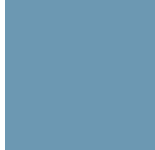
Original Color

4281445106



Achromatopsia

4287532686



Achromatomaly

4285307058

CSS Examples

Text

The CSS property to change the color of the text to Android 4281445106 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(49, 170, 242)` looks like.

```
.text, #text, p{  
    color:rgb(49, 170, 242)  
}
```

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(49, 170, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 170, 242) }
```

Border

The CSS property to change the border of an element to Android 4281445106 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(49, 170, 242) }
```

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

```
.border{ border-color:rgb(49, 170, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 170, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 170, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 170, 242);  
box-shadow:4px 4px 4px 4px rgb(49, 170,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4281445106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 170, 242) }
```

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

```
.background{ background-color: rgb(49, 170,  
242) }
```

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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