

Converting Colors

Android(4281375216)

Have a look what the booklet for
Android(4281375216) contains.

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Color

Android(4281375216)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 3099F0 |
| RGB | 48, 153, 240 |
| RGB Percent | 19%, 60%, 94% |
| CMY | 0.8118, 0.4000, 0.0588 |
| CMYK | 0.80, 0.36, 0.00, 0.06 |
| HSL | 207°, 86%, 56% |
| HSV | 207°, 80%, 94% |
| XYZ | 28.3383, 29.7021, 86.6776 |
| YIQ | 131.5230, -90.5070, 4.7970 |

Conversions

Conversions Part 2

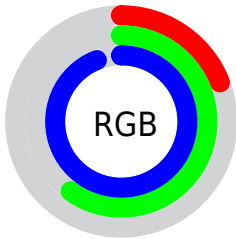
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 48, 116, 240 |
| Decimal | 3185136 |
| CIELab | 61.40, 0.42, -51.92 |
| CIELCh | 61, 51.918, 270.466 |
| Yxy | 29.7021, 0.1958, 0.2052 |
| Android (android.graphics.Color) | 4281375216 (0xFF3099F0) |
| YUV | 131.5230, 53.4792, -73.2497 |
| Hunter-Lab | 54.4996, -2.5592, -56.1465 |

Details

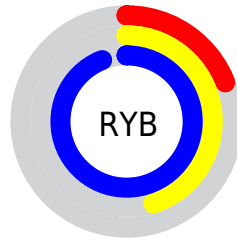
The Android color `4281375216` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4293953328`, and the grayscale version is `4286808963`.

A 20% lighter version of the original color is `4286304255`, and `4278216631` is the 20% darker color. If you saturate the color by 10%, you get `4279799536`, and if you desaturate by 10%, it is `4282950896`.

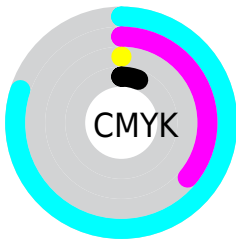
Distribution



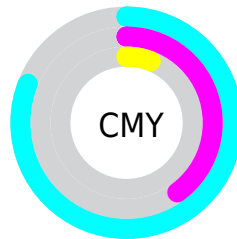
- Red (19%)
- Green (60%)
- Blue (94%)



- Red (19%)
- Yellow (45%)
- Blue (94%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (6%)




- Cyan (81%)
- Magenta (40%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281375216 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 4281375216 by changing the saturation by 10% instead.

 4281375216

 4281375216

4294967295

 4278222803

 4286304255

 4278216631

 4288408575

 4278210460

 4290445311

 4278204802

 4292476927

 4278199400

 4294508543

 4278193743

 4278191416

 4278190625

 4278190086

■ 4281375216

■ 4281375216

■ 4279799536

■ 4282950896

■ 4278223856

■ 4284526576

■ 4286102256

■ 4287677680

■ 4289253360

■ 4290829040

■ 4292404720

■ 4293980400

■ 4294966256

Harmonies

Analogous

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



4278232547



4281375216



4288121060

Triad

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



4281375216



4293292392



4282361701

Complementary

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



4281375216



4293953328

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.



4286553921



4281375216



4291920196

Square

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



4281375216



4293356437



4289565235



4278234004

Rectangle

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



4281375216



4290673615



4289565235



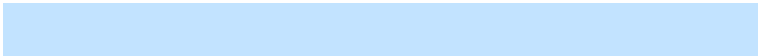
4283999575

Sweetspot

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



4281375216



4290962431



4281397382



4284182400



4278190080



4286611584

Same Dimension

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



4281375216



4278882559



4281350896



4285297272



4278215864



4278198072

Inverse Universe

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



4293931161



4294904464



4293977648



4286082162



4290248804



4281860127

Previews

White Background



This preview shows how the Android color 4281375216 looks on a white background.

Color Contrast Check

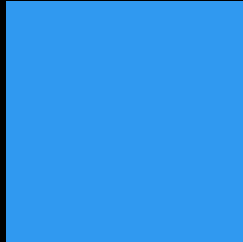
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281375216 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

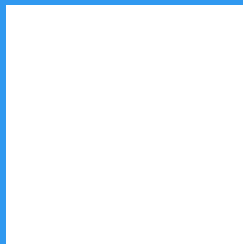
Any Text WCAG AAA × Fail

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

Android 4281375216 Background



This preview shows how black text looks on a background with the Android color 4281375216.



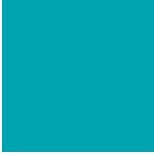
This preview shows how white text looks on a background with the Android color 4281375216.

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
4281375216

Protanomaly
4284126187

Deuteranomaly
4283012849

Tritanomaly
4279345351

Monochromacy



Original Color
4281375216

Achromatopsia
4286874756

Achromatomaly
4284845227

CSS Examples

Text

The CSS property to change the color of the text to Android 4281375216 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(48, 153, 240)` looks like.

```
.text, #text, p{  
    color:rgb(48, 153, 240)  
}
```

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(48, 153, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 153, 240) }
```

Border

The CSS property to change the border of an element to Android 4281375216 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(48, 153, 240) }
```

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

```
.border{ border-color:rgb(48, 153, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 153, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 153, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 153, 240);  
box-shadow:4px 4px 4px 4px rgb(48, 153,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4281375216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 153, 240) }
```

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

```
.background{ background-color: rgb(48, 153,  
240) }
```

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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