

Converting Colors

Android(4279867879)

Have a look what the booklet for
Android(4279867879) contains.

| | |
|--|----|
| Android(4279867879) | 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> | 29 |

Color

Android(4279867879)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1999E7 |
| RGB | 25, 153, 231 |
| RGB Percent | 10%, 60%, 91% |
| CMY | 0.9020, 0.4000, 0.0941 |
| CMYK | 0.89, 0.34, 0.00, 0.09 |
| HSL | 203°, 81%, 50% |
| HSV | 203°, 89%, 91% |
| XYZ | 26.2159, 28.7587, 79.7706 |
| YIQ | 123.6200, -101.3260, -2.8780 |

Conversions

Conversions Part 2

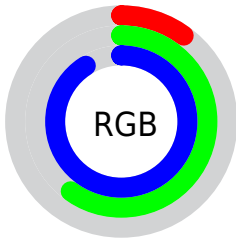
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 25, 104, 231 |
| Decimal | 1677799 |
| CIE Lab | 60.57, -4.56, -48.28 |
| CIE LCh | 61, 48.499, 264.601 |
| Yxy | 28.7587, 0.1946, 0.2134 |
| Android (android.graphics.Color) | 4279867879 (0xFF1999E7) |
| YUV | 123.6200, 52.9383, -86.4897 |
| Hunter-Lab | 53.6271, -6.5866, -50.6552 |

Details

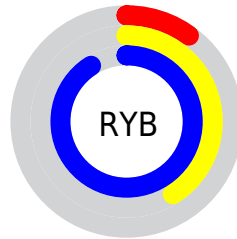
The Android color `4279867879` is a dark color, and the websafe version is hex `0099FF`. The color can be described as middle washed azure. A complement of this color would be `4293355289`, and the grayscale version is `4286282619`.

A 20% lighter version of the original color is `4285517823`, and `4278216367` is the 20% darker color. If you saturate the color by 10%, you get `4278358247`, and if you desaturate by 10%, it is `4281377511`.

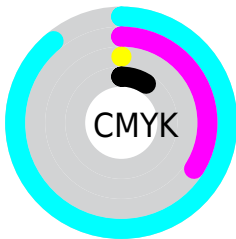
Distribution



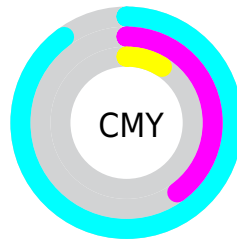
- Red (10%)
- Green (60%)
- Blue (91%)



- Red (10%)
- Yellow (41%)
- Blue (91%)



- Cyan (89%)
- Magenta (34%)
- Yellow (0%)
- Black (9%)



- Cyan (90%)
- Magenta (40%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279867879 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 4279867879 by changing the saturation by 10% instead.



4279867879



4279867879

4294967295



4278222795



4285517823



4278216367



4287687679



4278210452



4289724415



4278204538



4291756031



4278199392



4293853183



4278193224



4278191153



4278190363



4278190080

■ 4279867879

■ 4279867879

■ 4278358247

■ 4281377511

■ 4278227175

■ 4282886887

■ 4284396519

■ 4285906151

■ 4287481319

■ 4288990695

■ 4290500327

■ 4292009959

■ 4293519591

Harmonies

Analogous

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



4278232023



4279867879



4287138528

Triad

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



4279867879



4292964465



4283671390

Complementary

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



4279867879



4293355289

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.



4287142464



4279867879



4291919181

Square

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



4279867879



4292636316



4289826106



4278232969

Rectangle

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



4279867879



4289756879



4289826106



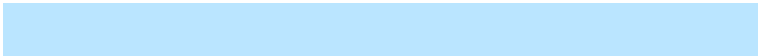
4284915795

Sweetspot

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



4279867879



4290438655



4279887717



4283920512



4278190080



4286611584

Same Dimension

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



4279867879



4278230783



4279842023



4284968563



4278218675



4278198323

Inverse Universe

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



4293335449



4294901918



4293381145



4285753198



4289921135



4281532448

Previews

White Background



This preview shows how the Android color 4279867879 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 4279867879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

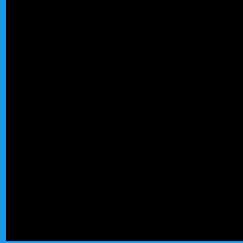
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

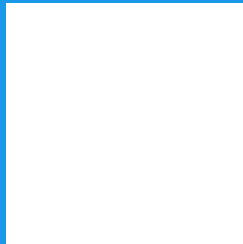
Any Text WCAG AAA × Fail

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

Android 4279867879 Background



This preview shows how black text looks on a background with the Android color 4279867879.



This preview shows how white text looks on a background with the Android color 4279867879.

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
4279867879

Protanomaly
4283732705

Deuteranomaly
4282750184

Tritanomaly
4278820546

Monochromacy



Original Color
4279867879

Achromatopsia
4286348412

Achromatomaly
4283991971

CSS Examples

Text

The CSS property to change the color of the text to Android 4279867879 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(25, 153, 231)` looks like.

```
.text, #text, p{  
    color:rgb(25, 153, 231)  
}
```

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(25, 153, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 153, 231) }
```

Border

The CSS property to change the border of an element to Android 4279867879 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(25, 153, 231) }
```

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

```
.border{ border-color:rgb(25, 153, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 153, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 153, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 153, 231);  
box-shadow:4px 4px 4px 4px rgb(25, 153,  
231) }
```

Background

The CSS property to change the background color of an element to Android 4279867879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 153, 231) }
```

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

```
.background{ background-color: rgb(25, 153,  
231) }
```

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