

Converting Colors

Android(4278813407)

Have a look what the booklet for
Android(4278813407) contains.

| | |
|--|----|
| Android(4278813407) | 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(4278813407)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0982DF |
| RGB | 9, 130, 223 |
| RGB Percent | 4%, 51%, 87% |
| CMY | 0.9647, 0.4902, 0.1255 |
| CMYK | 0.96, 0.42, 0.00, 0.13 |
| HSL | 206°, 92%, 45% |
| HSV | 206°, 96%, 87% |
| XYZ | 21.4146, 21.3511, 72.8045 |
| YIQ | 104.4230, -101.9690, 3.2710 |

Conversions

Conversions Part 2

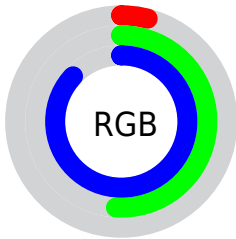
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 9, 86, 223 |
| Decimal | 623327 |
| CIELab | 53.33, 5.40, -55.35 |
| CIELCh | 53, 55.615, 275.577 |
| Yxy | 21.3511, 0.1853, 0.1847 |
| Android (android.graphics.Color) | 4278813407 (0xFF0982DF) |
| YUV | 104.4230, 58.4585, -83.6860 |
| Hunter-Lab | 46.2072, 1.8626, -61.0729 |

Details

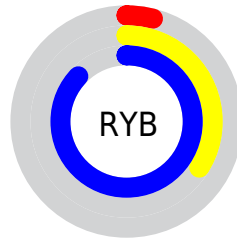
The Android color `4278813407` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark washed azure. A complement of this color would be `4292830729`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285118207`, and `4278211239` is the 20% darker color. If you saturate the color by 10%, you get `4278222559`, and if you desaturate by 10%, it is `4280257759`.

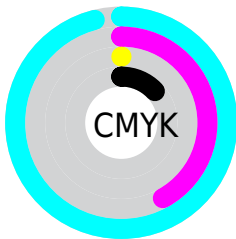
Distribution



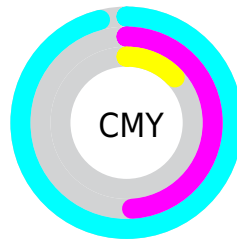
- Red (4%)
- Green (51%)
- Blue (87%)



- Red (4%)
- Yellow (34%)
- Blue (87%)



- Cyan (96%)
- Magenta (42%)
- Yellow (0%)
- Black (13%)



















- Cyan (96%)
- Magenta (49%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278813407 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 4278813407 by changing the saturation by 10% instead.

| | |
|--|--|
|  4278813407 |  4278813407 |
| 4294967295 |  4278217155 |
|  4285118207 |  4278211239 |
|  4287288063 |  4278205324 |
|  4289326847 |  4278200178 |
|  4291362815 |  4278194777 |
|  4293394431 |  4278191937 |
| |  4278190890 |
| |  4278190356 |
| |  4278190080 |

■ 4278813407

■ 4278813407

■ 4278222559

■ 4280257759

■ 4281767391

■ 4283211743

■ 4284656095

■ 4286100191

■ 4287610079

■ 4289054431

■ 4290498783

■ 4292008415

Harmonies

Analogous

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



4278226902



4278813407



4287393742

Triad

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



4278813407



4291844938



4278227798

Complementary

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



4278813407



4292830729

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.



4284320810



4278813407



4290211364

Square

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



4278813407



4292170104



4287594512



4278228615

Rectangle

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



4278813407



4289880246



4287594512



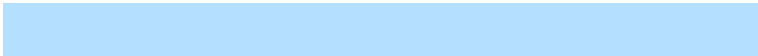
4281045318

Sweetspot

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



4278813407



4290109439



4278837094



4283657344



4278190080



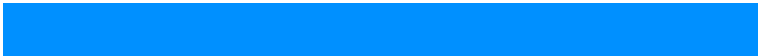
4286611584

Same Dimension

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



4278813407



4278227199



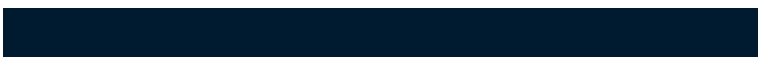
4278786015



4284836720



4278215600



4278197040

Inverse Universe

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



4292807042



4294901904



4292858121



4285556075



4289724515



4281335835

Previews

White Background



This preview shows how the Android color 4278813407 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 4278813407 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 4278813407 Background



This preview shows how black text looks on a background with the Android color 4278813407.



This preview shows how white text looks on a background with the Android color 4278813407.

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
4278226326

Trichromacy



Original Color
4278813407

Protanomaly
4282023643

Deuteranomaly
4280123871

Tritanomaly
4278421937

Monochromacy



Original Color
4278813407

Achromatopsia
4285032552

Achromatomaly
4282741139

CSS Examples

Text

The CSS property to change the color of the text to Android 4278813407 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(9, 130, 223)` looks like.

```
.text, #text, p{  
    color:rgb(9, 130, 223)  
}
```

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(9, 130, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 130, 223) }
```

Border

The CSS property to change the border of an element to Android 4278813407 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(9, 130, 223) }
```

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

```
.border{ border-color:rgb(9, 130, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 130, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 130, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 130, 223);  
box-shadow:4px 4px 4px 4px rgb(9, 130,  
223) }
```

Background

The CSS property to change the background color of an element to Android 4278813407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 130, 223) }
```

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

```
.background{ background-color: rgb(9, 130,  
223) }
```

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