

Converting Colors

Android(4278826223)

Have a look what the booklet for
Android(4278826223) contains.

Android(4278826223)	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(4278826223)

Conversions

Conversions Part 1

Format	Color
Hex	09B4EF
RGB	9, 180, 239
RGB Percent	4%, 71%, 94%
CMY	0.9647, 0.2941, 0.0627
CMYK	0.96, 0.25, 0.00, 0.06
HSL	195°, 93%, 49%
HSV	195°, 96%, 94%
XYZ	32.0139, 38.9326, 87.4888
YIQ	135.5970, -120.8550, -17.9030

Conversions

Conversions Part 2

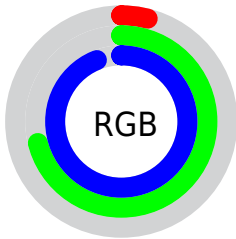
Format	Color
R _Y B	9, 107, 239
Decimal	636143
CIE Lab	68.70, -17.21, -39.90
CIE LCh	69, 43.450, 246.665
Yxy	38.9326, 0.2021, 0.2457
Android (android.graphics.Color)	4278826223 (0xFF09B4EF)
YUV	135.5970, 50.9777, -111.0256
Hunter-Lab	62.3960, -17.6088, -39.4565

Details

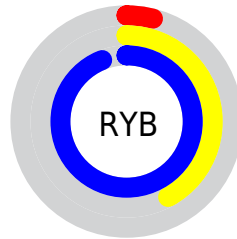
The Android color `4278826223` is a dark color, and the websafe version is hex `33CCFF`. The color can be described as middle washed azure. A complement of this color would be `4293870601`, and the grayscale version is `4287072135`.

A 20% lighter version of the original color is `4285525247`, and `4278222775` is the 20% darker color. If you saturate the color by 10%, you get `4278235887`, and if you desaturate by 10%, it is `4280400623`.

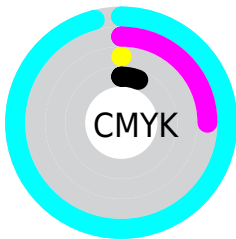
Distribution



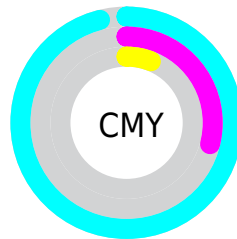
- Red (4%)
- Green (71%)
- Blue (94%)



- Red (4%)
- Yellow (42%)
- Blue (94%)



- Cyan (96%)
- Magenta (25%)
- Yellow (0%)
- Black (6%)



















- Cyan (96%)
- Magenta (29%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278826223 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 4278826223 by changing the saturation by 10% instead.

 4278826223	 4278826223
4294967295	 4278229459
 4285525247	 4278222775
 4287692799	 4278216348
 4289855487	 4278210177
 4291887103	 4278204264
 4293984255	 4278199119
	 4278191416
	 4278190626
	 4278190088

■ 4278826223

■ 4278826223

■ 4278235887

■ 4280400623

■ 4281975023

■ 4283549423

■ 4285124079

■ 4286632943

■ 4288207343

■ 4289781743

■ 4291356143

■ 4292930543

Harmonies

Analogous

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



4278237909



4278826223



4286163445

Triad

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



4278826223



4294084768



4287542119

Complementary

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



4278826223



4293870601

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.



4290291800



4278826223



4293889659

Square

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



4278826223



4292906440



4292450912



4284201607

Rectangle

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



4278826223



4289044462



4292450912



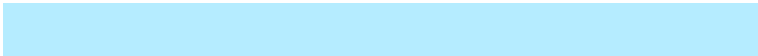
4288524383

Sweetspot

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



4278826223



4290112767



4278841154



4283659392



4278190080



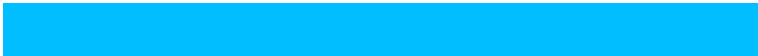
4286611584

Same Dimension

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



4278826223



4278238975



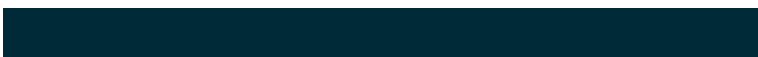
4278797039



4285298040



4278225336



4278200888

Inverse Universe

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



4293855668



4294901950



4293899529



4286082165



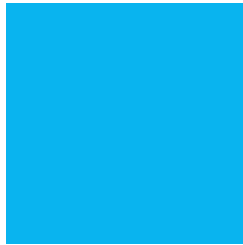
4290248841



4281860138

Previews

White Background



This preview shows how the Android color 4278826223 looks on a white background.

Color Contrast Check

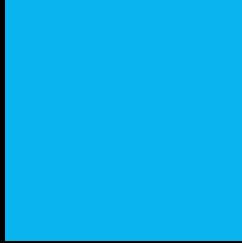
Large Text (above 18pt) WCAG AA × Fail

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 4278826223 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 4278826223 Background



This preview shows how black text looks on a background with the Android color 4278826223.



This preview shows how white text looks on a background with the Android color 4278826223.

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

4278826223



Protanomaly

4284590823



Deuteranomaly

4284066545



Tritanomaly

4278433750

Monochromacy



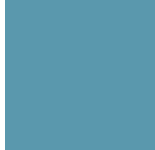
Original Color

4278826223



Achromatopsia

4287137928



Achromatomaly

4284127405

CSS Examples

Text

The CSS property to change the color of the text to Android 4278826223 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, 180, 239)` looks like.

```
.text, #text, p{  
    color:rgb(9, 180, 239)  
}
```

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, 180, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 180, 239) }
```

Border

The CSS property to change the border of an element to Android 4278826223 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, 180, 239) }
```

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

```
.border{ border-color:rgb(9, 180, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 180, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 180, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 180, 239);  
box-shadow:4px 4px 4px 4px rgb(9, 180,  
239) }
```

Background

The CSS property to change the background color of an element to Android 4278826223 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 180, 239) }
```

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

```
.background{ background-color: rgb(9, 180,  
239) }
```

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