

Converting Colors

Android(4286956514)

Have a look what the booklet for
Android(4286956514) contains.

Android(4286956514)	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(4286956514)

Conversions

Conversions Part 1

Format	Color
Hex	85C3E2
RGB	133, 195, 226
RGB Percent	52%, 76%, 89%
CMY	0.4784, 0.2353, 0.1137
CMYK	0.41, 0.14, 0.00, 0.11
HSL	200°, 62%, 70%
HSV	200°, 41%, 89%
XYZ	42.9154, 49.5077, 79.2456
YIQ	179.9960, -46.9030, -3.5030

Conversions

Conversions Part 2

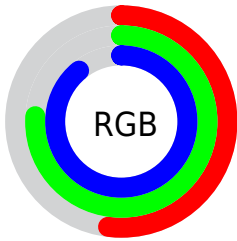
Format	Color
R_{YB}	133, 170, 226
Decimal	8766434
CIE Lab	75.77, -11.96, -21.68
CIE LCh	76, 24.763, 241.124
Yxy	49.5077, 0.2500, 0.2884
Android (android.graphics.Color)	4286956514 (0xFF85C3E2)
YUV	179.9960, 22.6800, -41.2155
Hunter-Lab	70.3617, -14.2613, -17.5227

Details

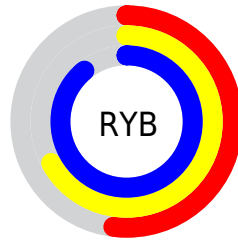
The Android color `4286956514` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4293043333`, and the grayscale version is `4290032820`.

A 20% lighter version of the original color is `4290641151`, and `4283338155` is the 20% darker color. If you saturate the color by 10%, you get `4285447138`, and if you desaturate by 10%, it is `4288465890`.

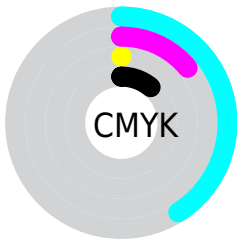
Distribution



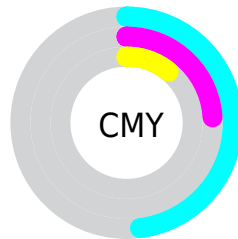
- Red (52%)
- Green (76%)
- Blue (89%)



- Red (52%)
- Yellow (67%)
- Blue (89%)



- Cyan (41%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (48%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286956514 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 4286956514 by changing the saturation by 10% instead.



4286956514



4286956514

4294967295



4285114566



4290641151



4283338155



4292542463



4281365648



4294508543



4278803318



4278207582



4278201670



4278196783



4278190362



4278190080

■ 4286956514

■ 4286956514

■ 4285447138

■ 4288465890

■ 4284003554

■ 4289909474

■ 4282494178

■ 4291418850

■ 4281050594

■ 4292862434

■ 4279541218

■ 4294371810

■ 4278228962

■ 4294963426

■ 4294965474

■ 4294967266

Harmonies

Analogous

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



4286171089



4286956514



4288724200

Triad

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



4286956514



4293372603



4289904787

Complementary

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



4286956514



4293043333

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.



4291541389



4286956514



4293504164

Square

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



4286956514



4292456145



4292784787



4288202148

Rectangle

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



4286956514



4290099173



4292784787



4290494096

Sweetspot

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



4286956514



4292933119



4286964388



4285430400



4278190080



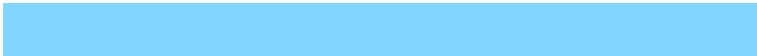
4286611584

Same Dimension

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



4286956514



4286764543



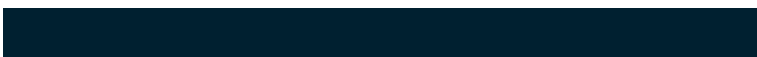
4286944738



4284836976



4278220208



4278198320

Inverse Universe

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



4293035459



4294935253



4293055365



4285556076



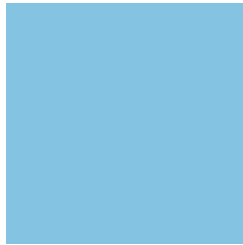
4289724533



4281335840

Previews

White Background



This preview shows how the Android color 4286956514 looks on a white background.

Color Contrast Check

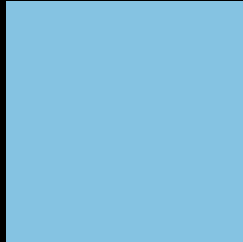
Large Text (above 18pt) WCAG AA × Fail

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 4286956514 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 4286956514 Background



This preview shows how black text looks on a background with the Android color 4286956514.



This preview shows how white text looks on a background with the Android color 4286956514.

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



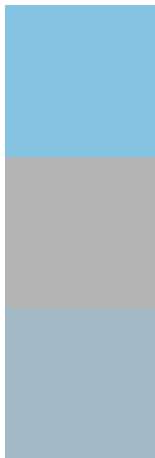
Original Color
4286956514

Protanomaly
4288855262

Deuteranomaly
4288986084

Tritanomaly
4286760154

Monochromacy



Original Color
4286956514

Achromatopsia
4290032820

Achromatomaly
4288920005

CSS Examples

Text

The CSS property to change the color of the text to Android 4286956514 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(133, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(133, 195, 226)  
}
```

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(133, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 195, 226) }
```

Border

The CSS property to change the border of an element to Android 4286956514 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(133, 195, 226) }
```

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

```
.border{ border-color:rgb(133, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(133, 195,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4286956514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 195, 226) }
```

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

```
.background{ background-color: rgb(133,  
195, 226) }
```

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