

Converting Colors

Android(4286426328)

Have a look what the booklet for
Android(4286426328) contains.

Android(4286426328)	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(4286426328)

Conversions

Conversions Part 1

Format	Color
Hex	7DACD8
RGB	125, 172, 216
RGB Percent	49%, 67%, 85%
CMY	0.5098, 0.3255, 0.1529
CMYK	0.42, 0.20, 0.00, 0.15
HSL	209°, 54%, 67%
HSV	209°, 42%, 85%
XYZ	35.6046, 38.8229, 70.5827
YIQ	162.9630, -42.1360, 3.7200

Conversions

Conversions Part 2

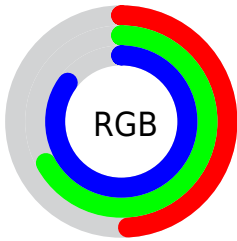
Format	Color
R _{YB}	125, 156, 216
Decimal	8236248
CIE _{Lab}	68.62, -4.32, -27.19
CIE _{LCh}	69, 27.531, 260.974
Yxy	38.8229, 0.2455, 0.2677
Android (android.graphics.Color)	4286426328 (0xFF7DACD8)
YUV	162.9630, 26.1472, -33.2936
Hunter-Lab	62.3080, -7.0389, -23.5483

Details

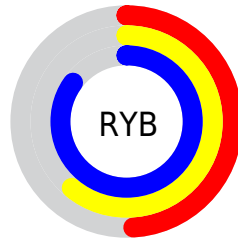
The Android color `4286426328` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4292389245`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4290110463`, and `4282808481` is the 20% darker color. If you saturate the color by 10%, you get `4284981976`, and if you desaturate by 10%, it is `4287870680`.

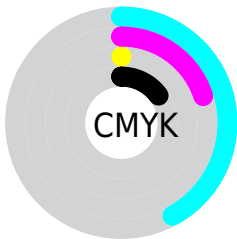
Distribution



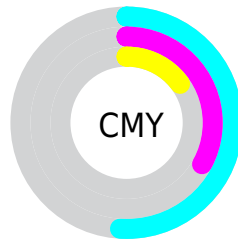
- Red (49%)
- Green (67%)
- Blue (85%)



- Red (49%)
- Yellow (61%)
- Blue (85%)



- Cyan (42%)
- Magenta (20%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (33%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286426328 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 4286426328 by changing the saturation by 10% instead.

 4286426328

 4286426328

4294967295

 4284650172

 4290110463

 4282808481

 4291952639

 4280901511

 4293918719

 4278208621

 4278202709

 4278197565

 4278190887

 4278190353

 4278190080

■ 4286426328

■ 4286426328

■ 4284981976

■ 4287870680

■ 4283602904

■ 4289249752

■ 4282158552

■ 4290694104

■ 4280779480

■ 4292073176

■ 4279335128

■ 4293517528

■ 4278218968

■ 4294962136

■ 4294964696

■ 4294967256

Harmonies

Analogous

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



4284592845



4286426328



4288783574

Triad

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



4286426328



4292515479



4287345031

Complementary

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



4286426328



4292389245

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.



4289178489



4286426328



4291992450

Square

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



4286426328



4292122288



4290814838



4285511071

Rectangle

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



4286426328



4290223821



4290814838



4287934593

Sweetspot

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



4286426328



4292800511



4286437545



4285232768



4278190080



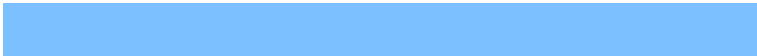
4286611584

Same Dimension

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



4286426328



4286431487



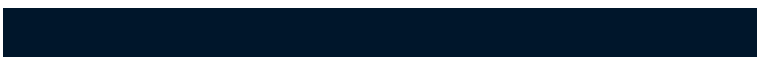
4286414808



4284507755



4278212779



4278195755

Inverse Universe

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



4292378028



4294933952



4292400765



4285227110



4289396824



4281008150

Previews

White Background



This preview shows how the Android color 4286426328 looks on a white background.

Color Contrast Check

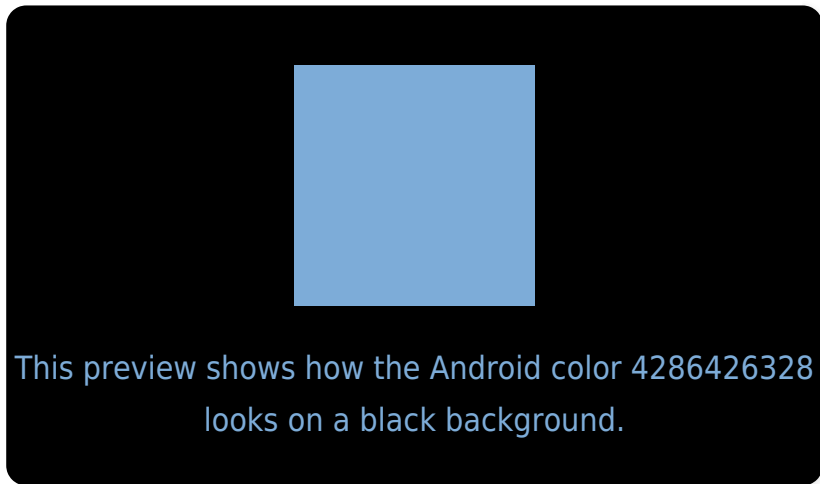
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4286426328 Background



This preview shows how black text looks on a background with the Android color 4286426328.



This preview shows how white text looks on a background with the Android color 4286426328.

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
4286426328

Protanomaly
4287670485

Deuteranomaly
4287735769

Tritanomaly
4286164936

Monochromacy



Original Color
4286426328

Achromatopsia
4288914339

Achromatomaly
4287997622

CSS Examples

Text

The CSS property to change the color of the text to Android 4286426328 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(125, 172, 216)` looks like.

```
.text, #text, p{  
    color:rgb(125, 172, 216)  
}
```

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(125, 172, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 172, 216) }
```

Border

The CSS property to change the border of an element to Android 4286426328 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(125, 172, 216) }
```

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

```
.border{ border-color:rgb(125, 172, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 172, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(125, 172, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(125, 172, 216); box-shadow:4px 4px 4px 4px rgb(125, 172, 216) }
```

Background

The CSS property to change the background color of an element to Android 4286426328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 172, 216) }
```

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

```
.background{ background-color: rgb(125,  
172, 216) }
```

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