

Converting Colors

Android(4286163174)

Have a look what the booklet for
Android(4286163174) contains.

Android(4286163174)	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(4286163174)

Conversions

Conversions Part 1

Format	Color
Hex	79A8E6
RGB	121, 168, 230
RGB Percent	47%, 66%, 90%
CMY	0.5255, 0.3412, 0.0980
CMYK	0.47, 0.27, 0.00, 0.10
HSL	214°, 69%, 69%
HSV	214°, 47%, 90%
XYZ	36.1707, 37.7834, 80.2494
YIQ	161.0150, -47.9140, 9.3180

Conversions

Conversions Part 2

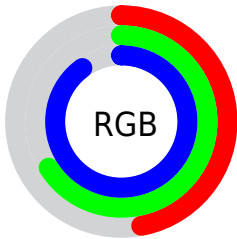
Format	Color
R _Y B	121, 154, 230
Decimal	7973094
CIE Lab	67.86, 0.87, -36.07
CIE LCh	68, 36.081, 271.375
Yxy	37.7834, 0.2346, 0.2450
Android (android.graphics.Color)	4286163174 (0xFF79A8E6)
YUV	161.0150, 34.0096, -35.0932
Hunter-Lab	61.4682, -2.5317, -34.3780

Details

The Android color `4286163174` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293310329`, and the grayscale version is `4288782753`.

A 20% lighter version of the original color is `4289912831`, and `4282348718` is the 20% darker color. If you saturate the color by 10%, you get `4284652518`, and if you desaturate by 10%, it is `4287673830`.

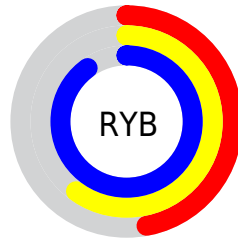
Distribution



Red (47%)

Green (66%)

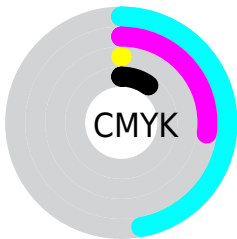
Blue (90%)



Red (47%)

Yellow (60%)

Blue (90%)

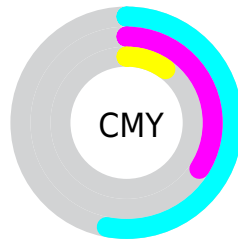


Cyan (47%)

Magenta (27%)

Yellow (0%)

Black (10%)



Cyan (53%)















Magenta (34%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286163174 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 4286163174 by changing the saturation by 10% instead.

 4286163174	 4286163174
4294967295	 4284321482
 4289912831	 4282348718
 4291820799	 4280114323
 4293722111	 4278207865
	 4278202208
	 4278197064
	 4278191153
	 4278190363
	 4278190080

■ 4286163174

■ 4286163174

■ 4284652518

■ 4287673830

■ 4283141862

■ 4289184486

■ 4281631206

■ 4290695142

■ 4280120550

■ 4292205798

■ 4278609894

■ 4293716454

■ 4278215654

■ 4294964966

■ 4294967270

Harmonies

Analogous

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



4282495454



4286163174



4289436893

Triad

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



4286163174



4293103493



4285576325

Complementary

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



4286163174



4293310329

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.



4288130669



4286163174



4292122989

Square

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



4286163174



4293102757



4290356324



4282759078

Rectangle

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



4286163174



4291139022



4290356324



4286493308

Sweetspot

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



4286163174



4292602879



4286178999



4285166464



4278190080



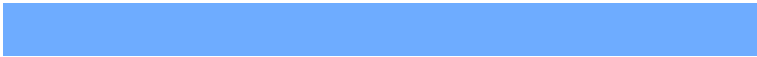
4286611584

Same Dimension

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



4286163174



4285443327



4286609894



4284968051



4278209971



4278195763

Inverse Universe

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



4293294504



4294930092



4292863609



4285753196



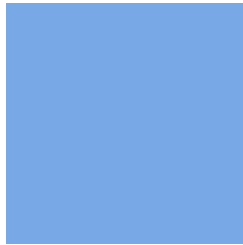
4289921101



4281532438

Previews

White Background



This preview shows how the Android color 4286163174 looks on a white background.

Color Contrast Check

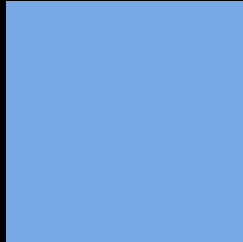
Large Text (above 18pt) WCAG AA × Fail

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 4286163174 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

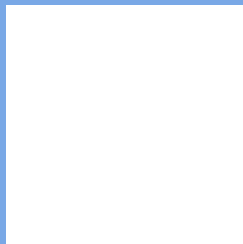
Any Text WCAG AAA ✓ Pass

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

Android 4286163174 Background



This preview shows how black text looks on a background with the Android color 4286163174.



This preview shows how white text looks on a background with the Android color 4286163174.

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
4286163174

Protanomaly
4287210979

Deuteranomaly
4287014375

Tritanomaly
4285640141

Monochromacy



Original Color
4286163174

Achromatopsia
4288782753

Achromatomaly
4287800506

CSS Examples

Text

The CSS property to change the color of the text to Android 4286163174 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(121, 168, 230)` looks like.

```
.text, #text, p{  
    color:rgb(121, 168, 230)  
}
```

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(121, 168, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 168, 230) }
```

Border

The CSS property to change the border of an element to Android 4286163174 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(121, 168, 230) }
```

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

```
.border{ border-color:rgb(121, 168, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 168, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 168, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 168, 230);  
box-shadow:4px 4px 4px 4px rgb(121, 168,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4286163174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 168, 230) }
```

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

```
.background{ background-color: rgb(121,  
168, 230) }
```

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