

Converting Colors

Android(4286493403)

Have a look what the booklet for
Android(4286493403) contains.

Android(4286493403)	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(4286493403)

Conversions

Conversions Part 1

Format	Color
Hex	7EB2DB
RGB	126, 178, 219
RGB Percent	49%, 70%, 86%
CMY	0.5059, 0.3020, 0.1412
CMYK	0.42, 0.19, 0.00, 0.14
HSL	206°, 56%, 68%
HSV	206°, 42%, 86%
XYZ	37.3108, 41.3909, 73.0406
YIQ	167.1260, -44.1530, 1.7270

Conversions

Conversions Part 2

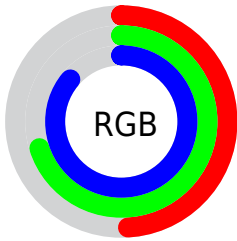
Format	Color
R _{YB}	126, 159, 219
Decimal	8303323
CIE Lab	70.45, -6.52, -26.03
CIE LCh	70, 26.833, 255.931
Yxy	41.3909, 0.2459, 0.2728
Android (android.graphics.Color)	4286493403 (0xFF7EB2DB)
YUV	167.1260, 25.5739, -36.0675
Hunter-Lab	64.3357, -9.0686, -22.2771

Details

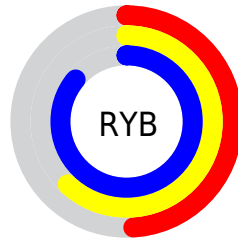
The Android color `4286493403` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4292585342`, and the grayscale version is `4289177511`.

A 20% lighter version of the original color is `4290177791`, and `4282875300` is the 20% darker color. If you saturate the color by 10%, you get `4285049051`, and if you desaturate by 10%, it is `4287937755`.

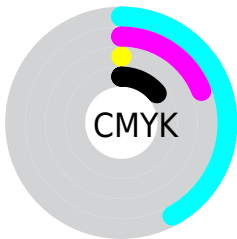
Distribution



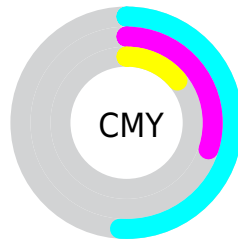
- Red (49%)
- Green (70%)
- Blue (86%)



- Red (49%)
- Yellow (62%)
- Blue (86%)



- Cyan (42%)
- Magenta (19%)
- Yellow (0%)
- Black (14%)



- Cyan (51%)
- Magenta (30%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286493403 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 4286493403 by changing the saturation by 10% instead.

 4286493403

 4286493403

4294967295

 4284716991

 4290177791

 4282875300

 4292083711

 4280903049

 4293984255

 4278209904

 4278203991

 4278198592

 4278191658

 4278190356

 4278190080

■ 4286493403

■ 4286493403

■ 4285049051

■ 4287937755

■ 4283604955

■ 4289381851

■ 4282160603

■ 4290826203

■ 4280716251

■ 4292270555

■ 4279337691

■ 4293714651

■ 4278221531

■ 4294962395

■ 4294964955

■ 4294967259

Harmonies

Analogous

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



4284922062



4286493403



4288719579

Triad

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



4286493403



4292778912



4288001418

Complementary

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



4286493403



4292585342

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.



4289834877



4286493403



4292452234

Square

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



4286493403



4292254905



4291340157



4286232992

Rectangle

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



4286493403



4290159828



4291340157



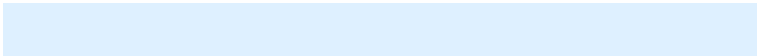
4288590724

Sweetspot

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



4286493403



4292800767



4286503846



4285233024



4278190080



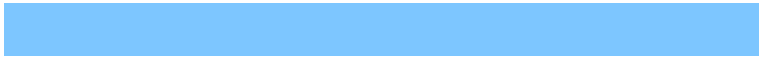
4286611584

Same Dimension

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



4286493403



4286433023



4286481627



4284705134



4278215085



4278196782

Inverse Universe

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



4292574898



4294933958



4292597118



4285424489



4289527905



4281204762

Previews

White Background



This preview shows how the Android color 4286493403 looks on a white background.

Color Contrast Check

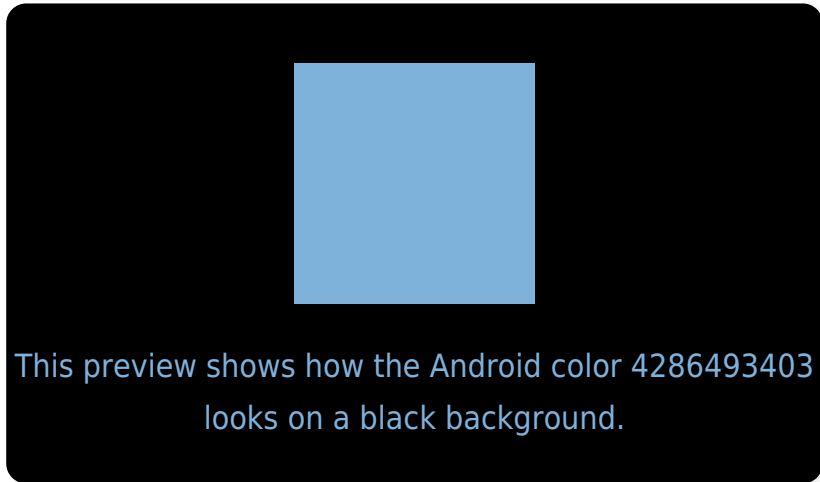
Large Text (above 18pt) WCAG AA × Fail

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

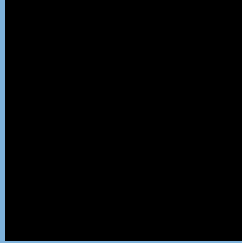
Any Text WCAG AA ✓ Pass

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 4286493403 Background



This preview shows how black text looks on a background with the Android color 4286493403.



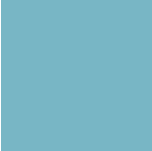
This preview shows how white text looks on a background with the Android color 4286493403.

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
4286101189

Trichromacy



Original Color
4286493403

Protanomaly
4287933911

Deuteranomaly
4287999196

Tritanomaly
4286232013

Monochromacy



Original Color
4286493403

Achromatopsia
4289177511

Achromatomaly
4288195514

CSS Examples

Text

The CSS property to change the color of the text to Android 4286493403 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(126, 178, 219)` looks like.

```
.text, #text, p{  
    color:rgb(126, 178, 219)  
}
```

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(126, 178, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 178, 219) }
```

Border

The CSS property to change the border of an element to Android 4286493403 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(126, 178, 219) }
```

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

```
.border{ border-color:rgb(126, 178, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 178, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 178, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 178, 219);  
box-shadow:4px 4px 4px 4px rgb(126, 178,  
219) }
```

Background

The CSS property to change the background color of an element to Android 4286493403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 178, 219) }
```

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

```
.background{ background-color: rgb(126,  
178, 219) }
```

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