

# Converting Colors

Android(4286885876)

Have a look what the booklet for  
Android(4286885876) contains.

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# **Color**

**Android(4286885876)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84AFF4
RGB	132, 175, 244
RGB Percent	52%, 69%, 96%
CMY	0.4824, 0.3137, 0.0431
CMYK	0.46, 0.28, 0.00, 0.04
HSL	217°, 84%, 74%
HSV	217°, 46%, 96%
XYZ	41.1748, 42.0971, 91.5434
YIQ	170.0090, -47.7770, 12.3430

# Conversions

## Conversions Part 2

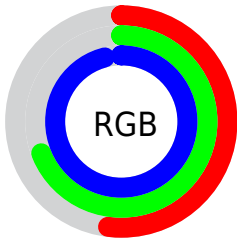
Format	Color
<a href="#">RYB</a>	<a href="#">132, 163, 244</a>
Decimal	<a href="#">8695796</a>
CIELab	<a href="#">70.94, 3.60, -38.87</a>
CIELCh	<a href="#">71, 39.037, 275.284</a>
Yxy	<a href="#">42.0971, 0.2355, 0.2408</a>
Android (android.graphics.Color)	<a href="#">4286885876 (0xFF84AFF4)</a>
YUV	<a href="#">170.0090, 36.4776, -33.3339</a>
Hunter-Lab	<a href="#">64.8823, -0.2665, -38.2355</a>

# Details

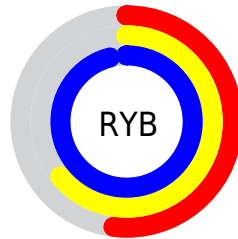
The Android color `4286885876` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4294232452`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4290635519`, and `4283136955` is the 20% darker color. If you saturate the color by 10%, you get `4285309172`, and if you desaturate by 10%, it is `4288462580`.

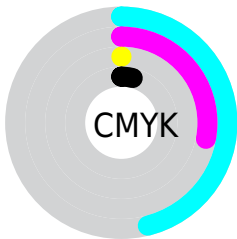
# Distribution



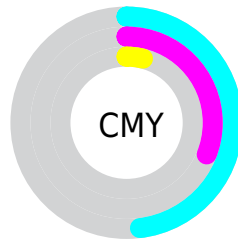
- Red (52%)
- Green (69%)
- Blue (96%)



- Red (52%)
- Yellow (64%)
- Blue (96%)



- Cyan (46%)
- Magenta (28%)
- Yellow (0%)
- Black (4%)

















- Cyan (48%)
- Magenta (31%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286885876 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 4286885876 by changing the saturation by 10% instead.



 4286885876	 4286885876
4294967295	 4285043927
 4290635519	 4283136955
 4292607999	 4281033376
 4294508543	 4278209414
	 4278203500
	 4278198355
	 4278191676
	 4278190629
	 4278190350

■ 4286885876

■ 4286885876

■ 4285309172

■ 4288462580

■ 4283666932

■ 4290104820

■ 4282090228

■ 4291681524

■ 4280447988

■ 4293323764

■ 4278871284

■ 4294900468

■ 4278214388

■ 4294967284

# Harmonies

## Analogous

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



4282563053



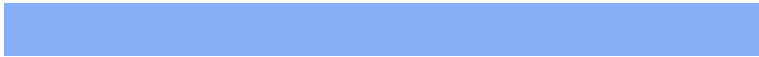
4286885876



4290421480

# Triad

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



4286885876



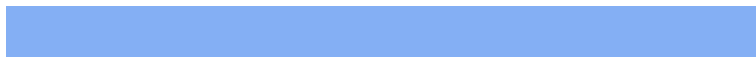
4293957254



4285382287

# Complementary

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



4286885876



4294232452

# 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.



4288264306



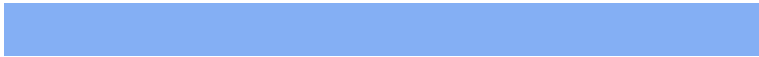
4286885876



4292714862

# Square

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



4286885876



4294087337



4290752102



4281975219

# Rectangle

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



4286885876



4292188887



4290752102



4286364804



# Sweetspot

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



4286885876



4292602367



4286903495



4285166208



4278190080



4286611584

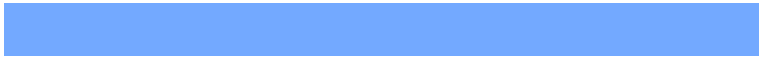


# Same Dimension

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



4286885876



4285770239



4287595764



4285428602



4278208442



4278196027



# Inverse Universe

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



4294214831



4294931369



4293522564



4286213747



4290379847

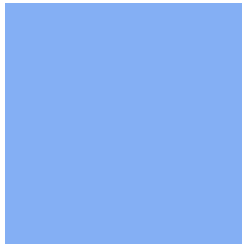


4282056727



# Previews

## White Background



This preview shows how the Android color 4286885876 looks on a white background.

## Color Contrast Check

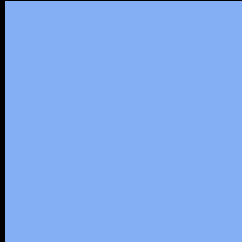
Large Text (above 18pt) WCAG AA × Fail

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 4286885876 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

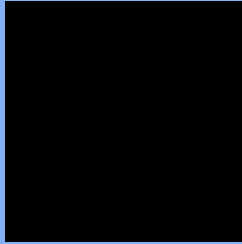
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

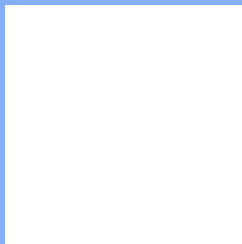
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286885876 Background



This preview shows how black text looks on a background with the Android color 4286885876.



This preview shows how white text looks on a background with the Android color 4286885876.

# 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**  
4286885876

**Protanomaly**  
4287737074

**Deuteranomaly**  
4287540469

**Tritanomaly**  
4286363095

# Monochromacy



**Original Color**  
4286885876

**Achromatopsia**  
4289374890

**Achromatomaly**  
4288457925

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286885876 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(132, 175, 244)` looks like.

```
.text, #text, p{  
    color:rgb(132, 175, 244)  
}
```

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(132, 175, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 175, 244) }
```

## Border

The CSS property to change the border of an element to Android 4286885876 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(132, 175, 244) }
```

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

```
.border{ border-color:rgb(132, 175, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 175, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 175, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 175, 244);  
box-shadow:4px 4px 4px 4px rgb(132, 175,  
244) }
```

# Background

The CSS property to change the background color of an element to Android 4286885876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 175, 244) }
```

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

```
.background{ background-color: rgb(132,  
175, 244) }
```

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](#).



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