

# Converting Colors

Android(4286892791)

Have a look what the booklet for  
Android(4286892791) contains.

<b>Android(4286892791)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Android(4286892791)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84CAF7
RGB	132, 202, 247
RGB Percent	52%, 79%, 97%
CMY	0.4824, 0.2078, 0.0314
CMYK	0.47, 0.18, 0.00, 0.03
HSL	203°, 88%, 74%
HSV	203°, 47%, 97%
XYZ	47.4248, 53.8620, 95.8925
YIQ	186.2000, -56.1650, -0.8450

# Conversions

## Conversions Part 2

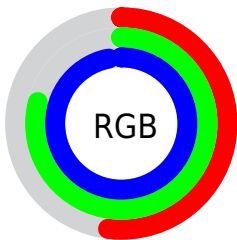
Format	Color
<a href="#">RYB</a>	<a href="#">132, 176, 247</a>
Decimal	<a href="#">8702711</a>
CIELab	<a href="#">78.38, -10.24, -28.98</a>
CIELCh	<a href="#">78, 30.737, 250.539</a>
Yxy	<a href="#">53.8620, 0.2405, 0.2732</a>
Android (android.graphics.Color)	<a href="#">4286892791 (0xFF84CAF7)</a>
YUV	<a href="#">186.2000, 29.9744, -47.5334</a>
Hunter-Lab	<a href="#">73.3907, -13.0879, -26.0950</a>

# Details

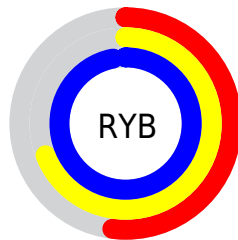
The Android color `4286892791` is a light color, and the websafe version is hex `99CCFF`. A complement of this color would be `4294422916`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4290707455`, and `4283077823` is the 20% darker color. If you saturate the color by 10%, you get `4285251831`, and if you desaturate by 10%, it is `4288533751`.

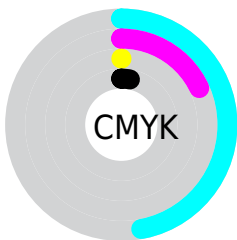
# Distribution



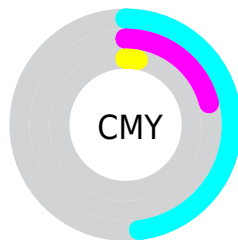
- Red (52%)
- Green (79%)
- Blue (97%)



- Red (52%)
- Yellow (69%)
- Blue (97%)



- Cyan (47%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (48%)
- Magenta (21%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286892791 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 4286892791 by changing the saturation by 10% instead.



 4286892791

 4286892791

4294967295

 4284985306

 4290707455

 4283077823

 4292607999

 4280842915

 4294574079

 4278215049

 4278209135

 4278203223

 4278197823

 4278190889

 4278190355

■ 4286892791

■ 4286892791

■ 4285251831

■ 4288533751

■ 4283676663

■ 4290108919

■ 4282035703

■ 4291749879

■ 4280394743

■ 4293390839

■ 4278819575

■ 4294966007

■ 4278228727

■ 4294967287

# Harmonies

## Analogous

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



4285255910



4286892791



4289511930

# Triad

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



4286892791



4294684089



4289514390

# Complementary

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



4286892791



4294422916

# 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.



4291609482



4286892791



4294488478

# Square

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



4286892791



4293898198



4293376653



4287418542

# Rectangle

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



4286892791



4291279603



4293376653



4290234768

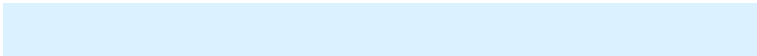


# Sweetspot

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



4286892791



4292604415



4286904240



4285167488



4278190080



4286611584

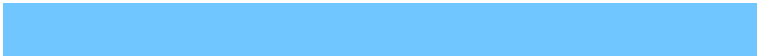


# Same Dimension

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



4286892791



4285581311



4286878199



4285429370



4278219194



4278199355



# Inverse Universe

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



4294411466



4294930631



4294437508



4286213750



4290379889

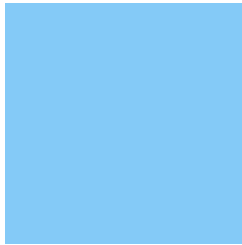


4282056740



# Previews

## White Background



This preview shows how the Android color 4286892791 looks on a white background.

## Color Contrast Check

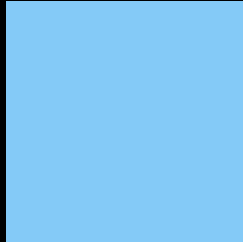
Large Text (above 18pt) WCAG AA × Fail

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 4286892791 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 4286892791 Background



This preview shows how black text looks on a background with the Android color 4286892791.



This preview shows how white text looks on a background with the Android color 4286892791.

# 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**  
4286892791

**Protanomaly**  
4288988146

**Deuteranomaly**  
4288987897

**Tritanomaly**  
4286631400

# Monochromacy



**Original Color**  
4286892791

**Achromatopsia**  
4290427578

**Achromatomaly**  
4289118416

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286892791 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, 202, 247)` looks like.

```
.text, #text, p{  
    color:rgb(132, 202, 247)  
}
```

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, 202, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 202, 247) }
```

## Border

The CSS property to change the border of an element to Android 4286892791 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, 202, 247) }
```

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

```
.border{ border-color:rgb(132, 202, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 202, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 202, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 202, 247);  
box-shadow:4px 4px 4px 4px rgb(132, 202,  
247) }
```

# Background

The CSS property to change the background color of an element to Android 4286892791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 202, 247) }
```

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

```
.background{ background-color: rgb(132,  
202, 247) }
```

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