

# Converting Colors

Android(4286686407)

Have a look what the booklet for  
Android(4286686407) contains.

<b>Android(4286686407)</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(4286686407)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	81A4C7
RGB	129, 164, 199
RGB Percent	51%, 64%, 78%
CMY	0.4941, 0.3569, 0.2196
CMYK	0.35, 0.18, 0.00, 0.22
HSL	210°, 38%, 64%
HSV	210°, 35%, 78%
XYZ	32.6375, 35.3416, 59.1343
YIQ	157.5250, -32.0950, 3.4650

# Conversions

## Conversions Part 2

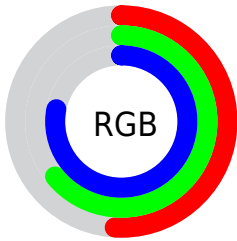
Format	Color
<a href="#">RYB</a>	<a href="#">129, 152, 199</a>
Decimal	<a href="#">8496327</a>
CIELab	<a href="#">66.01, -3.38, -21.77</a>
CIElCh	<a href="#">66, 22.033, 261.183</a>
Yxy	<a href="#">35.3416, 0.2568, 0.2780</a>
Android (android.graphics.Color)	<a href="#">4286686407 (0xFF81A4C7)</a>
YUV	<a href="#">157.5250, 20.4472, -25.0164</a>
Hunter-Lab	<a href="#">59.4488, -6.0384, -17.3622</a>

# Details

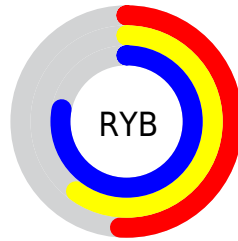
The Android color `4286686407` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291273857`, and the grayscale version is `4288519581`.

A 20% lighter version of the original color is `4290305023`, and `4283265169` is the 20% darker color. If you saturate the color by 10%, you get `4285373127`, and if you desaturate by 10%, it is `4287999687`.

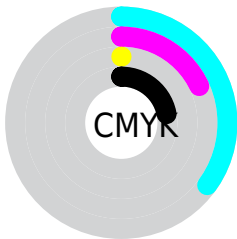
# Distribution



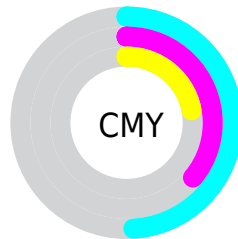
- Red (51%)
- Green (64%)
- Blue (78%)



- Red (51%)
- Yellow (60%)
- Blue (78%)



- Cyan (35%)
- Magenta (18%)
- Yellow (0%)
- Black (22%)



- Cyan (49%)
- Magenta (36%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286686407 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 4286686407 by changing the saturation by 10% instead.





4286686407



4286686407

4294967295



4284975788



4290305023



4283265169



4292147199



4281555063



4294049791



4279714142



4278201159



4278196016



4278190363



4278190080



4286686407



4286686407

■ 4285373127

■ 4287999687

■ 4284059847

■ 4289312967

■ 4282746567

■ 4290626247

■ 4281433287

■ 4291939527

■ 4280185543

■ 4293252807

■ 4278872263

■ 4294500551

■ 4278215879

■ 4294961863

■ 4294964423

■ 4294966983

# Harmonies

## Analogous

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



4285376959



4286686407



4288454085

# Triad

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



4286686407



4291400595



4287277447

# Complementary

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



4286686407



4291273857

# 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.



4288717947



4286686407



4291008386

# Square

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



4286686407



4291072935



4290092410



4285901722

# Rectangle

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



4286686407



4289567166



4290092410



4287735682



# Sweetspot

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



4286686407



4293128703



4286695332



4285495168



4278190080



4286611584

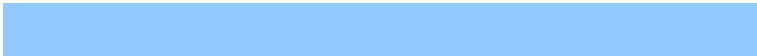


# Same Dimension

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



4286686407



4287941119



4286677447



4284112483



4278211235



4278194724



# Inverse Universe

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



4291264932



4294939849



4291282817



4284701278



4288872530

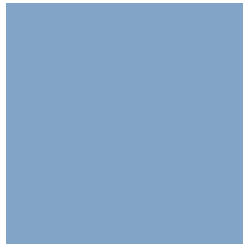


4280549394



# Previews

## White Background



This preview shows how the Android color 4286686407 looks on a white background.

## Color Contrast Check

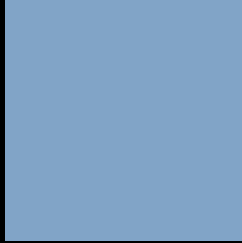
Large Text (above 18pt) WCAG AA × Fail

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 4286686407 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

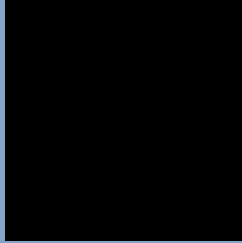
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

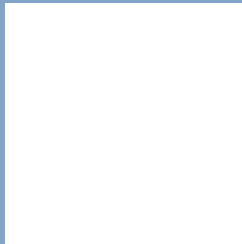
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286686407 Background



This preview shows how black text looks on a background with the Android color 4286686407.



This preview shows how white text looks on a background with the Android color 4286686407.

# 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**  
4286686407

**Protanomaly**  
4287668420

**Deuteranomaly**  
4287799496

**Tritanomaly**  
4286490300

# Monochromacy



**Original Color**  
4286686407

**Achromatopsia**  
4288585374

**Achromatomaly**  
4287865005

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286686407 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(129, 164, 199)` looks like.

```
.text, #text, p{  
    color:rgb(129, 164, 199)  
}
```

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(129, 164, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 164, 199) }
```

## Border

The CSS property to change the border of an element to Android 4286686407 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(129, 164, 199) }
```

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

```
.border{ border-color:rgb(129, 164, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 164, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 164, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 164, 199);  
box-shadow:4px 4px 4px 4px rgb(129, 164,  
199) }
```

# Background

The CSS property to change the background color of an element to Android 4286686407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 164, 199) }
```

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

```
.background{ background-color: rgb(129,  
164, 199) }
```

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