

# Converting Colors

Android(4286227656)

Have a look what the booklet for  
Android(4286227656) contains.

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# **Color**

**Android(4286227656)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7AA4C8
RGB	122, 164, 200
RGB Percent	48%, 64%, 78%
CMY	0.5216, 0.3569, 0.2157
CMYK	0.39, 0.18, 0.00, 0.22
HSL	208°, 41%, 63%
HSV	208°, 39%, 78%
XYZ	31.7268, 34.8586, 59.6998
YIQ	155.5460, -36.5880, 2.2920

# Conversions

## Conversions Part 2

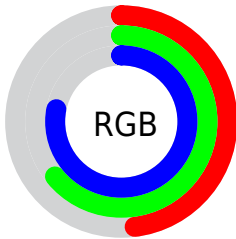
Format	Color
R <sub>Y</sub> B	122, 149, 200
Decimal	8037576
CIE Lab	65.64, -5.05, -22.94
CIE LCh	66, 23.487, 257.591
Yxy	34.8586, 0.2512, 0.2760
Android (android.graphics.Color)	4286227656 (0xFF7AA4C8)
YUV	155.5460, 21.9158, -29.4198
Hunter-Lab	59.0412, -7.4020, -18.6225

# Details

The Android color `4286227656` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291337850`, and the grayscale version is `4288387995`.

A 20% lighter version of the original color is `4289846271`, and `4282740882` is the 20% darker color. If you saturate the color by 10%, you get `4284914632`, and if you desaturate by 10%, it is `4287540680`.

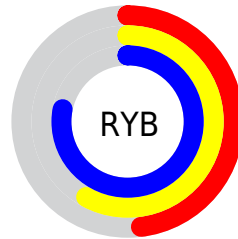
# Distribution



Red (48%)

Green (64%)

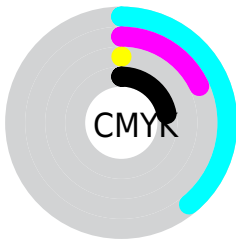
Blue (78%)



Red (48%)

Yellow (58%)

Blue (78%)

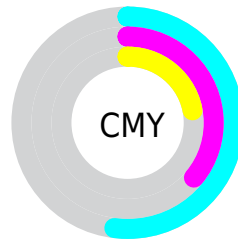


Cyan (39%)

Magenta (18%)

Yellow (0%)

Black (22%)



Cyan (52%)

Magenta (36%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286227656 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 4286227656 by changing the saturation by 10% instead.



 4286227656


 4286227656

4294967295

 4284451501

 4289846271

 4282740882

 4291688447

 4280965240

 4293591039

 4278665567

 4278201159

















 4278196017

 4278190364

 4278190080

 4286227656

 4286227656

 4284914632	 4287540680
 4283601608	 4288853704
 4282288328	 4290166984
 4280975304	 4291480008
 4279662280	 4292793032
 4278349256	 4294106056
 4278217928	 4294960584
	 4294962888
	 4294965192

# Harmonies

## Analogous

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



4284852670



4286227656



4288126407

# Triad

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



4286227656



4291531156



4287277187

# Complementary

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



4286227656



4291337850

# 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.



4288848503



4286227656



4291204225

# Square

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



4286227656



4291072425



4290222967



4285770646

# Rectangle

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



4286227656



4289370305



4290222967



4287800958

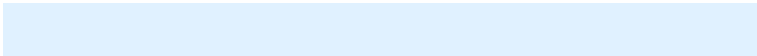


# Sweetspot

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



4286227656



4292932095



4286236829



4285429632



4278190080



4286611584

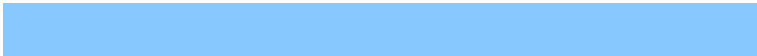


# Same Dimension

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



4286227656



4287088895



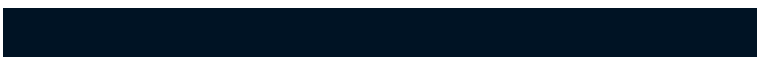
4286217928



4284112739



4278212771



4278194980



# Inverse Universe

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



4291328676



4294936520



4291347578



4284701279



4288872536



4280549395



# Previews

## White Background



This preview shows how the Android color 4286227656 looks on a white background.

## Color Contrast Check

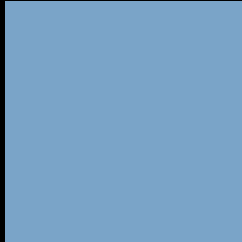
Large Text (above 18pt) WCAG AA × Fail

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 4286227656 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

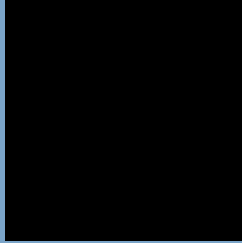
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

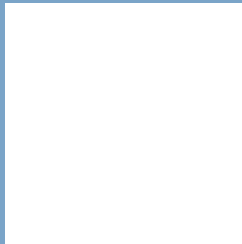
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4286227656 Background



This preview shows how black text looks on a background with the Android color 4286227656.



This preview shows how white text looks on a background with the Android color 4286227656.

# 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**  
4286227656

**Protanomaly**  
4287406277

**Deuteranomaly**  
4287471561

**Tritanomaly**  
4286031548

# Monochromacy



**Original Color**  
4286227656

**Achromatopsia**  
4288453788

**Achromatomaly**  
4287668140

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286227656 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(122, 164, 200)` looks like.

```
.text, #text, p{  
    color:rgb(122, 164, 200)  
}
```

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(122, 164, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 164, 200) }
```

## Border

The CSS property to change the border of an element to Android 4286227656 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(122, 164, 200) }
```

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

```
.border{ border-color:rgb(122, 164, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 164, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 164, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 164, 200);  
box-shadow:4px 4px 4px 4px rgb(122, 164,  
200) }
```

# Background

The CSS property to change the background color of an element to Android 4286227656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 164, 200) }
```

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

```
.background{ background-color: rgb(122,  
164, 200) }
```

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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