

# Converting Colors

Android(4284195806)

Have a look what the booklet for  
Android(4284195806) contains.

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# **Color**

**Android(4284195806)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5BA3DE
RGB	91, 163, 222
RGB Percent	36%, 64%, 87%
CMY	0.6431, 0.3608, 0.1294
CMYK	0.59, 0.27, 0.00, 0.13
HSL	207°, 66%, 61%
HSV	207°, 59%, 87%
XYZ	30.5964, 33.6925, 73.9979
YIQ	148.1980, -61.8510, 3.0850

# Conversions

## Conversions Part 2

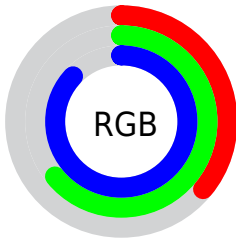
Format	Color
R <sub>Y</sub> B	91, 137, 222
Decimal	6005726
CIE Lab	64.72, -5.25, -36.67
CIE LCh	65, 37.045, 261.856
Yxy	33.6925, 0.2213, 0.2436
Android (android.graphics.Color)	4284195806 (0xFF5BA3DE)
YUV	148.1980, 36.3844, -50.1626
Hunter-Lab	58.0452, -7.4894, -34.9532

# Details

The Android color `4284195806` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4292777563`, and the grayscale version is `4287927444`.

A 20% lighter version of the original color is `4288076543`, and `4279005351` is the 20% darker color. If you saturate the color by 10%, you get `4282751454`, and if you desaturate by 10%, it is `4285640158`.

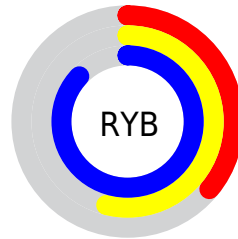
# Distribution



Red (36%)

Green (64%)

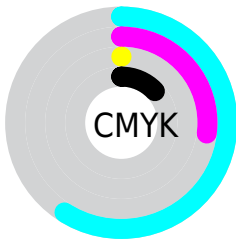
Blue (87%)



Red (36%)

Yellow (54%)

Blue (87%)

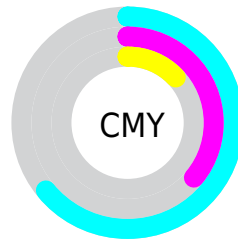


Cyan (59%)

Magenta (27%)

Yellow (0%)

Black (13%)



Cyan (64%)

Magenta (36%)
















Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284195806 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 4284195806 by changing the saturation by 10% instead.



 4284195806	 4284195806
4294967295	 4282091970
 4288076543	 4279005351
 4290049791	 4278212492
 4291952639	 4278206578
 4293918719	 4278201177
	 4278196034
	 4278190891
	 4278190357
	 4278190080

■ 4284195806

■ 4284195806

■ 4282751454

■ 4285640158

■ 4281307102

■ 4287084510

■ 4279797214

■ 4288594398

■ 4278352862

■ 4290038750

■ 4278221534

■ 4291483102

■ 4292927454

■ 4294371806

■ 4294964190

■ 4294966750

# Harmonies

## Analogous

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



4279217104



4284195806



4287863002

# Triad

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



4284195806



4292707462



4285835891

# Complementary

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



4284195806



4292777563

# 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.



4288324190



4284195806



4291988586

# Square

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



4284195806



4292314279



4290484315



4282822290

# Rectangle

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



4284195806



4289827022



4290484315



4286687338

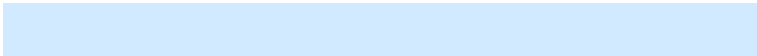


# Sweetspot

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



4284195806



4291947263



4284210838



4284707712



4278190080



4286611584



# Same Dimension

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



4284195806



4283084287



4284179166



4284836720



4278215088



4278197040



# Inverse Universe

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



4292762531



4294920877



4292794203



4285556075



4289724513



4281335835



# Previews

## White Background



This preview shows how the Android color 4284195806 looks on a white background.

## Color Contrast Check

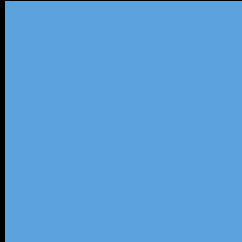
Large Text (above 18pt) WCAG AA × Fail

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 4284195806 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

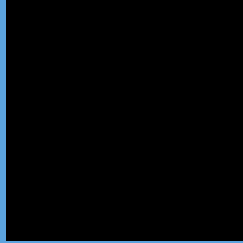
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

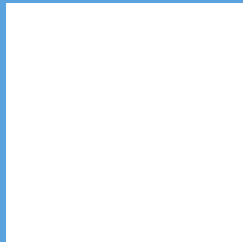
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4284195806 Background



This preview shows how black text looks on a background with the Android color 4284195806.

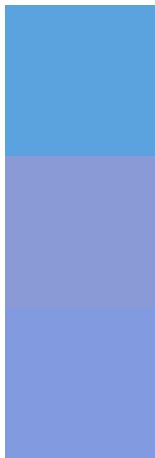


This preview shows how white text looks on a background with the Android color 4284195806.

# 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



**Original Color**  
4284195806

**Protanopia**  
4287273687

**Deuteranopia**  
4286749664



# Trichromacy



**Original Color**  
4284195806

**Protanomaly**  
4286160346

**Deuteranomaly**  
4285832927

**Tritanomaly**  
4283541446

# Monochromacy



**Original Color**  
4284195806

**Achromatopsia**  
4287927444

**Achromatomaly**  
4286552495

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284195806 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(91, 163, 222)` looks like.

```
.text, #text, p{  
    color:rgb(91, 163, 222)  
}
```

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(91, 163, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 163, 222) }
```

## Border

The CSS property to change the border of an element to Android 4284195806 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(91, 163, 222) }
```

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

```
.border{ border-color:rgb(91, 163, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 163, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 163, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 163, 222);  
box-shadow:4px 4px 4px 4px rgb(91, 163,  
222) }
```

# Background

The CSS property to change the background color of an element to Android 4284195806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 163, 222) }
```

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

```
.background{ background-color: rgb(91, 163,  
222) }
```

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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