

# Converting Colors

Android(4285906893)

Have a look what the booklet for  
Android(4285906893) contains.

<b>Android(4285906893)</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(4285906893)**

# Conversions

## Conversions Part 1

Format	Color
Hex	75BFCD
RGB	117, 191, 205
RGB Percent	46%, 75%, 80%
CMY	0.5412, 0.2510, 0.1961
CMYK	0.43, 0.07, 0.00, 0.20
HSL	190°, 47%, 63%
HSV	190°, 43%, 80%
XYZ	36.9864, 45.4513, 64.5812
YIQ	170.4700, -48.5980, -11.3340

# Conversions

## Conversions Part 2

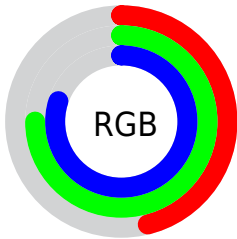
Format	Color
R <sub>YB</sub>	117, 157, 205
Decimal	7716813
CIE <sub>Lab</sub>	73.19, -19.39, -14.27
CIE <sub>LCh</sub>	73, 24.076, 216.341
Yxy	45.4513, 0.2516, 0.3092
Android (android.graphics.Color)	4285906893 (0xFF75BFCD)
YUV	170.4700, 17.0233, -46.8932
Hunter-Lab	67.4176, -20.0528, -9.6033

# Details

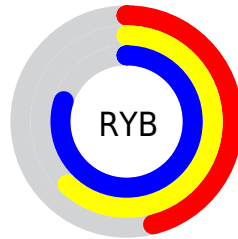
The Android color `4285906893` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4291658613`, and the grayscale version is `4289374890`.

A 20% lighter version of the original color is `4289591295`, and `4282222999` is the 20% darker color. If you saturate the color by 10%, you get `4284595405`, and if you desaturate by 10%, it is `4287283917`.

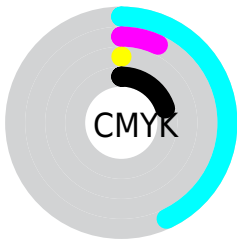
# Distribution



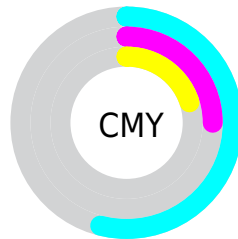
- Red (46%)
- Green (75%)
- Blue (80%)



- Red (46%)
- Yellow (62%)
- Blue (80%)



- Cyan (43%)
- Magenta (7%)
- Yellow (0%)
- Black (20%)



- Cyan (54%)
- Magenta (25%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4285906893 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 4285906893 by changing the saturation by 10% instead.



 4285906893

 4285906893

4294967295

 4284064946

 4289591295

 4282222999

 4291493887

 4280053885

 4293394431

 4278212452

 4278206540

 4278200629

 4278195232

 4278190086

 4278190080

■ 4285906893

■ 4285906893

■ 4284595405

■ 4287283917

■ 4283218125

■ 4288595661

■ 4281841101

■ 4289972685

■ 4280529613

■ 4291284173

■ 4279152589

■ 4292661197

■ 4278234317

■ 4293972941

■ 4294956749

■ 4294957517

■ 4294958285

# Harmonies

## Analogous

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



4286234808



4285906893



4286888923

# Triad

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



4285906893



4292126406



4290753672

# Complementary

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



4285906893



4291658613

# 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.



4292062348



4285906893



4292912304

# Square

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



4285906893



4290620631



4292847259



4289182352

# Rectangle

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



4285906893



4288067551



4292847259



4291277192



# Sweetspot

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



4285906893



4292803327



4285910402



4285234304



4278190080



4286611584

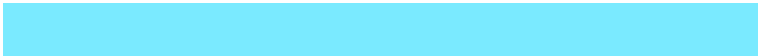


# Same Dimension

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



4285906893



4286245631



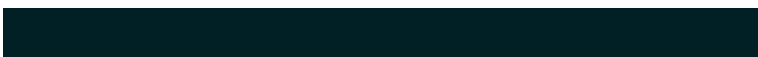
4285895885



4284245094



4278225830



4278198310



# Inverse Universe

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



4291655103



4294933226



4291669621



4284898404



4289069195

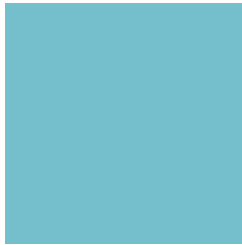


4280680480



# Previews

## White Background



This preview shows how the Android color 4285906893 looks on a white background.

## Color Contrast Check

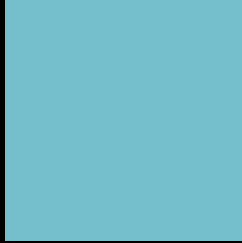
Large Text (above 18pt) WCAG AA × Fail

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 4285906893 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

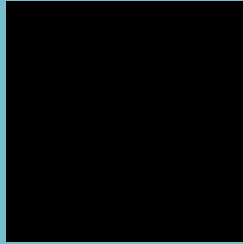
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



# Android 4285906893 Background



This preview shows how black text looks on a background with the Android color 4285906893.



This preview shows how white text looks on a background with the Android color 4285906893.

# 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**  
4285906893

**Protanopia**  
4289835716

**Deuteranopia**  
4290162641



# Trichromacy



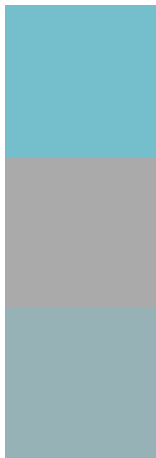
**Original Color**  
4285906893

**Protanomaly**  
4288395207

**Deuteranomaly**  
4288591312

**Tritanomaly**  
4285906894

# Monochromacy



**Original Color**  
4285906893

**Achromatopsia**  
4289374890

**Achromatomaly**  
4288131767

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4285906893 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(117, 191, 205)` looks like.

```
.text, #text, p{  
    color:rgb(117, 191, 205)  
}
```

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(117, 191, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 191, 205) }
```

## Border

The CSS property to change the border of an element to Android 4285906893 is called "border". The border property can be set on classes, ids or directly on the HTML element.

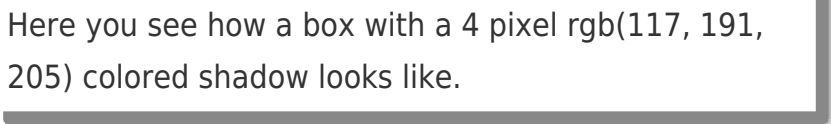
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 191, 205) }
```

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

```
.border{ border-color:rgb(117, 191, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 191, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 191, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 191, 205); box-shadow:4px 4px 4px 4px rgb(117, 191, 205) }
```

# Background

The CSS property to change the background color of an element to Android 4285906893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 191, 205) }
```

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

```
.background{ background-color: rgb(117,  
191, 205) }
```

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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