

# Converting Colors

Android(4286568890)

Have a look what the booklet for  
Android(4286568890) contains.

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# **Color**

**Android(4286568890)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7FD9BA
RGB	127, 217, 186
RGB Percent	50%, 85%, 73%
CMY	0.5020, 0.1490, 0.2706
CMYK	0.41, 0.00, 0.14, 0.15
HSL	159°, 54%, 67%
HSV	159°, 41%, 85%
XYZ	42.4282, 57.6829, 55.3521
YIQ	186.5560, -43.6890, -28.7210

# Conversions

## Conversions Part 2

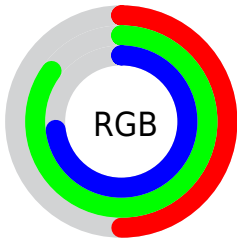
<b>Format</b>	<b>Color</b>
<b>RYB</b>	127, 181, 217
Decimal	8378810
CIELab	80.56, -34.09, 6.87
CIElCh	81, 34.773, 168.612
Yxy	57.6829, 0.2729, 0.3710
Android (android.graphics.Color)	4286568890 (0xFF7FD9BA)
YUV	186.5560, -0.2741, -52.2306
Hunter-Lab	75.9493, -33.1942, 9.9537

# Details

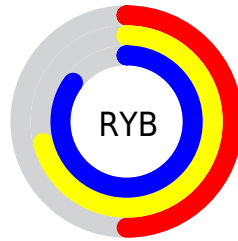
The Android color `4286568890` is a light color, and the websafe version is hex `66CC99`. A complement of this color would be `4292444062`, and the grayscale version is `4290493371`.

A 20% lighter version of the original color is `4290248690`, and `4282884741` is the 20% darker color. If you saturate the color by 10%, you get `4285127091`, and if you desaturate by 10%, it is `4288010689`.

# Distribution



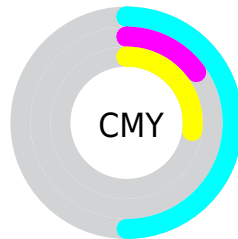
- Red (50%)
- Green (85%)
- Blue (73%)



- Red (50%)
- Yellow (71%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286568890 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 4286568890 by changing the saturation by 10% instead.



 4286568890

 4286568890

4294967295

 4284726687

 4290248690

 4282884741

 4292149247

 4280911724

 4294049791

 4278218067

 4278211644

 4278205479

 4278200082

 4278191104

 4278190080

 4286568890

 4286568890

 4285127091

 4288010689

 4283750827

 4289386953

 4282309028

 4290828752

 4280867228

 4292270552

 4279490965

 4293646815

 4278245774

 4294957543

 4294957550

 4294957558

 4294957565

# Harmonies

## Analogous

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



4289057948



4286568890



4284603099

# Triad

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



4286568890



4290495743



4294948761

# Complementary

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



4286568890



4292444062

# 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.



4294946997



4286568890



4293245427

# Square

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



4286568890



4287287295



4294947286



4293575305

# Rectangle

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



4286568890



4284405999



4294947286



4294948001

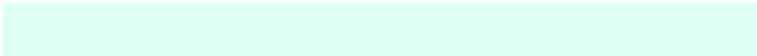


# Sweetspot

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



4286568890



4292935668



4288600447



4285431929



4278190080



4286611584



# Same Dimension

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



4286568890



4286644179



4286565337



4284706410



4278234482



4278201886



# Inverse Universe

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



4292444062



4294934699



4292447615



4285424486



4289527868



4281204752



# Previews

## White Background



This preview shows how the Android color 4286568890 looks on a white background.

## Color Contrast Check

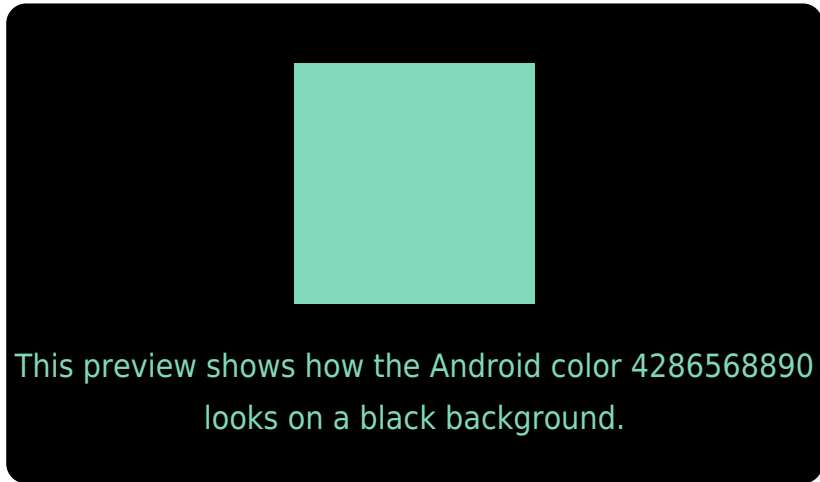
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 4286568890 Background



This preview shows how black text looks on a background with the Android color 4286568890.



This preview shows how white text looks on a background with the Android color 4286568890.

# 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**  
4286568890



**Protanomaly**  
4289973684



**Deuteranomaly**  
4290496957

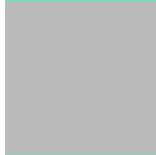


**Tritanomaly**  
4287026645

# Monochromacy



**Original Color**  
4286568890



**Achromatopsia**  
4290493371



**Achromatomaly**  
4289054395

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286568890 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(127, 217, 186)` looks like.

```
.text, #text, p{  
    color:rgb(127, 217, 186)  
}
```

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(127, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 217, 186) }
```

## Border

The CSS property to change the border of an element to Android 4286568890 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(127, 217, 186) }
```

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

```
.border{ border-color:rgb(127, 217, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 217, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 217, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 217, 186); box-shadow:4px 4px 4px 4px rgb(127, 217, 186) }
```

# Background

The CSS property to change the background color of an element to Android 4286568890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 217, 186) }
```

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

```
.background{ background-color: rgb(127,  
217, 186) }
```

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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