

# Converting Colors

Android(4282693315)

Have a look what the booklet for  
Android(4282693315) contains.

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# **Color**

**Android(4282693315)**

# Conversions

## Conversions Part 1

Format	Color
Hex	44B6C3
RGB	68, 182, 195
RGB Percent	27%, 71%, 76%
CMY	0.7333, 0.2863, 0.2353
CMYK	0.65, 0.07, 0.00, 0.24
HSL	186°, 51%, 52%
HSV	186°, 65%, 76%
XYZ	28.9622, 38.6250, 57.5587
YIQ	149.3960, -72.1170, -20.1250

# Conversions

## Conversions Part 2

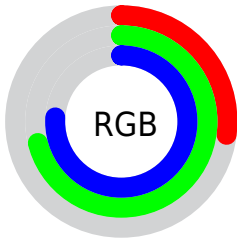
Format	Color
R <sub>Y</sub> B	68, 128, 195
Decimal	4503235
CIE Lab	68.48, -27.67, -16.06
CIE LCh	68, 31.995, 210.131
Yxy	38.6250, 0.2314, 0.3086
Android (android.graphics.Color)	4282693315 (0xFF44B6C3)
YUV	149.3960, 22.4828, -71.3843
Hunter-Lab	62.1490, -25.5776, -11.4065

# Details

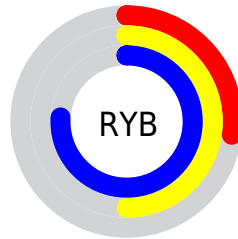
The Android color `4282693315` is a light color, and the websafe version is hex `66CCCC`. The color can be described as light muted azure. A complement of this color would be `4290990404`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4286770940`, and `4278223245` is the 20% darker color. If you saturate the color by 10%, you get `4281447619`, and if you desaturate by 10%, it is `4284004547`.

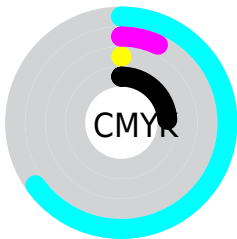
# Distribution



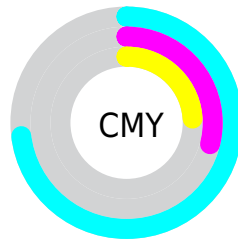
- Red (27%)
- Green (71%)
- Blue (76%)



- Red (27%)
- Yellow (50%)
- Blue (76%)



- Cyan (65%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)



- Cyan (73%)
- Magenta (29%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282693315 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 4282693315 by changing the saturation by 10% instead.





4282693315



4282693315

4294967295



4279933864



4286770940



4278223245



4288741375



4278216564



4290707455



4278210395



4292673535



4278204228



4294639615



4278199085



4278190361



4278190080



4282693315



4282693315

■ 4281447619

■ 4284004547

■ 4280136387

■ 4285250243

■ 4278890691

■ 4286561475

■ 4278235075

■ 4287807171

■ 4289118403

■ 4290364099

■ 4291675331

■ 4292921027

■ 4294166723

# Harmonies

## Analogous

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



4284069798



4282693315



4283871960

# Triad

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



4282693315



4291598020



4290487661

# Complementary

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



4282693315



4290990404

# 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.



4291992438



4282693315



4292776360

# Square

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



4282693315



4289437657



4292842379



4288458356

# Rectangle

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



4282693315



4285640159



4292842379



4291076718

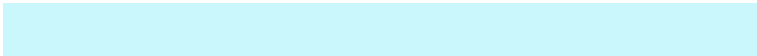


# Sweetspot

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



4282693315



4291491836



4282696529



4284578944



4278190080



4286611584

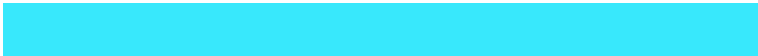


# Same Dimension

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



4282693315



4281919740



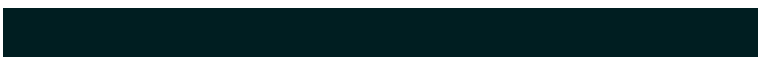
4282677187



4283916385



4278227105



4278197793



# Inverse Universe

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



4290987190



4294719720



4291006532



4284569440



4288741520

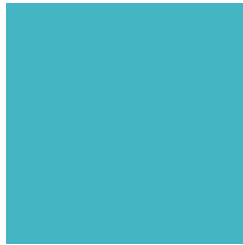


4280352798



# Previews

## White Background



This preview shows how the Android color 4282693315 looks on a white background.

## Color Contrast Check

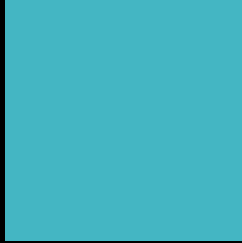
Large Text (above 18pt) WCAG AA × Fail

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 4282693315 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 4282693315 Background



This preview shows how black text looks on a background with the Android color 4282693315.



This preview shows how white text looks on a background with the Android color 4282693315.

# 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**  
4282693315



**Protanomaly**  
4286622652



**Deuteranomaly**  
4286753222

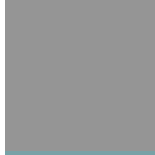


**Tritanomaly**  
4282758852

# Monochromacy



**Original Color**  
4282693315



**Achromatopsia**  
4287993237



**Achromatomaly**  
4286095782

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282693315 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(68, 182, 195)` looks like.

```
.text, #text, p{  
    color:rgb(68, 182, 195)  
}
```

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(68, 182, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 182, 195) }
```

## Border

The CSS property to change the border of an element to Android 4282693315 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(68, 182, 195) }
```

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

```
.border{ border-color:rgb(68, 182, 195) }
```

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

Here you see how a box with a 4 pixel rgb(68, 182, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 182, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 182, 195);  
box-shadow:4px 4px 4px 4px rgb(68, 182,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4282693315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 182, 195) }
```

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

```
.background{ background-color: rgb(68, 182,  
195) }
```

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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