

# Converting Colors

Android(4282690217)

Have a look what the booklet for  
Android(4282690217) contains.

|  |    |
|--|----|
| <b>Android(4282690217)</b> .....               | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Android(4282690217)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 44AAA9                       |
| RGB         | 68, 170, 169                 |
| RGB Percent | 27%, 67%, 66%                |
| CMY         | 0.7333, 0.3333, 0.3373       |
| CMYK        | 0.60, 0.00, 0.01, 0.33       |
| HSL         | 179°, 43%, 47%               |
| HSV         | 179°, 60%, 67%               |
| XYZ         | 23.9201, 32.8430, 42.6147    |
| YIQ         | 139.3880, -60.4710, -21.9350 |

# Conversions

## Conversions Part 2

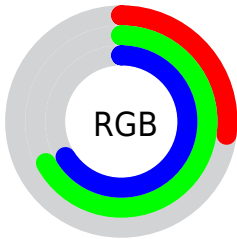
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>YB</sub>                     | 68, 119, 170                   |
| Decimal                             | 4500137                        |
| CIE Lab                             | 64.03, -29.29, -8.31           |
| CIE LCh                             | 64, 30.449, 195.831            |
| Yxy                                 | 32.8430, 0.2407,<br>0.3305     |
| Android<br>(android.graphics.Color) | 4282690217<br>(0xFF44AAA9)     |
| YUV                                 | 139.3880, 14.5987,<br>-62.6073 |
| Hunter-Lab                          | 57.3088, -25.7864,<br>-3.9718  |

# Details

The Android color `4282690217` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289348677`, and the grayscale version is `4287335307`.

A 20% lighter version of the original color is `4286571232`, and `4278220149` is the 20% darker color. If you saturate the color by 10%, you get `4281576105`, and if you desaturate by 10%, it is `4283804329`.

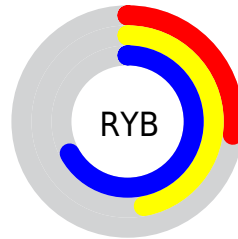
# Distribution



Red (27%)

Green (67%)

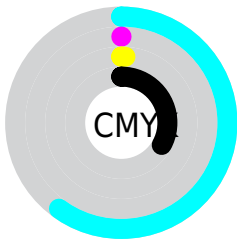
Blue (66%)



Red (27%)

Yellow (47%)

Blue (67%)

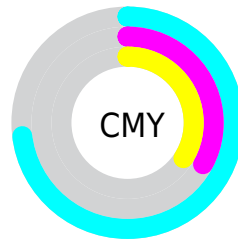


Cyan (60%)

Magenta (0%)

Yellow (1%)

Black (33%)



Cyan (73%)

Magenta (33%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282690217 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 4282690217 by changing the saturation by 10% instead.





4282690217



4282690217

4294967295



4280389519



4286571232



4278220149



4288479229



4278213724



4290379775



4278207557



4292280319



4278201647



4294246399



4278195994



4278190080



4282690217



4282690217



4281576105



4283804329

■ 4280461993

■ 4284918441

■ 4279347880

■ 4286032553

■ 4278233768

■ 4287146666

■ 4288260778

■ 4289374890

■ 4290489002

■ 4291603114

■ 4292717226

# Harmonies

## Analogous

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



4284524941



4282690217



4282558657

# Triad

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



4282690217



4289826753



4290352487

# Complementary

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



4282690217



4289348677

# 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.



4291529845



4282690217



4291332265

# Square

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



4282690217



4287404495



4291921806



4288650854

# Rectangle

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



4282690217



4283802828



4291921806



4290810474



# Sweetspot

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



4282690217



4290174685



4282821188



4283986032



4293980400



4285558896



# Same Dimension

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



4282690217



4282310364



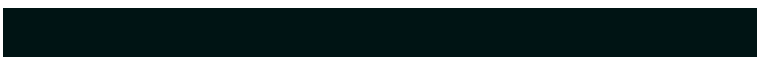
4282677674



4283192404



4278228114



4278195220



# Inverse Universe

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



4289348677



4292755008



4289361220



4283714636



4287889409



4279500800



# Previews

## White Background



This preview shows how the Android color 4282690217 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 4282690217 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 4282690217 Background



This preview shows how black text looks on a background with the Android color 4282690217.



This preview shows how white text looks on a background with the Android color 4282690217.

# 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**

4282690217



**Protanomaly**

4286291875



**Deuteranomaly**

4286553516



**Tritanomaly**

4282952113

# Monochromacy



**Original Color**

4282690217



**Achromatopsia**

4287335307



**Achromatomaly**

4285634198

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282690217 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, 170, 169)` looks like.

```
.text, #text, p{  
    color:rgb(68, 170, 169)  
}
```

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, 170, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 170, 169) }
```

## Border

The CSS property to change the border of an element to Android 4282690217 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, 170, 169) }
```

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

```
.border{ border-color:rgb(68, 170, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 170, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 170, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 170, 169);  
box-shadow:4px 4px 4px 4px rgb(68, 170,  
169) }
```

# Background

The CSS property to change the background color of an element to Android 4282690217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 170, 169) }
```

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

```
.background{ background-color: rgb(68, 170,  
169) }
```

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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