

Converting Colors

Android(4283208589)

Have a look what the booklet for
Android(4283208589) contains.

Android(4283208589)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283208589)

Conversions

Conversions Part 1	
Format	Color
Hex	4C938D
RGB	76, 147, 141
RGB Percent	30%, 58%, 55%
CMY	0.7020, 0.4235, 0.4471
CMYK	0.48, 0.00, 0.04, 0.42
HSL	175°, 32%, 44%
HSV	175°, 48%, 58%
XYZ	18.2219, 24.3270, 28.9345
YIQ	125.0870, -40.3900, -16.9180

Conversions

Conversions Part 2

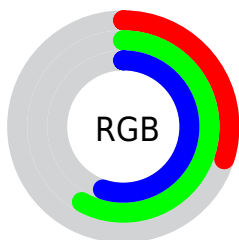
Format	Color
RYB	76, 113, 147
Decimal	5018509
CIELab	56.41, -23.82, -3.73
CIELCh	56, 24.112, 188.902
Yxy	24.3270, 0.2549, 0.3403
Android (android.graphics.Color)	4283208589 (0xFF4C938D)
YUV	125.0870, 7.8451, -43.0493
Hunter-Lab	49.3224, -20.3683, -0.2562

Details

The Android color `4283208589` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4287843410`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4286761411`, and `4279263323` is the 20% darker color. If you saturate the color by 10%, you get `4282225548`, and if you desaturate by 10%, it is `4284191630`.

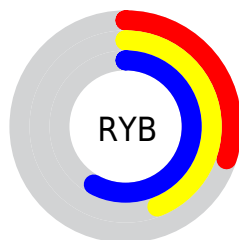
Distribution



Red (30%)

Green (58%)

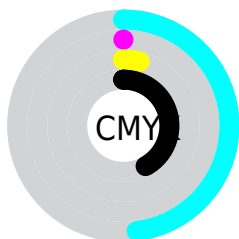
Blue (55%)



Red (30%)

Yellow (44%)

Blue (58%)

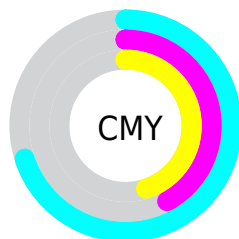


Cyan (48%)

Magenta (0%)

Yellow (4%)

Black (42%)



Cyan (70%)















Magenta (42%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283208589 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 4283208589 by changing the saturation by 10% instead.

 4283208589	 4283208589
 4294967295	 4281432435
 4286761411	 4279263323
 4288538078	 4278208580
 4290379771	 4278202669
 4292280319	 4278197785
 4294180863	 4278190080

 4283208589	 4283208589
 4282225548	 4284191630
 4281308043	 4285109135

 4280325001

 4286092177

 4279341960

 4287075218

 4278424455

 4288058259

 4278227847

 4288975764

 4289958806

 4290941847

 4291859352

Harmonies

Analogous

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



4284584568



4283208589



4282815137

Triad

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



4283208589



4287791272



4288905569

Complementary

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



4283208589



4287843410

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.



4289690478



4283208589



4289165975

Square

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



4283208589



4285958064



4289820802



4287662174

Rectangle

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



4283208589



4283469739



4289820802



4289232740

Sweetspot

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



4283208589



4288987069



4283667276



4283457888



4292927712



4284572001

Same Dimension

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



4283208589



4283482038



4283201427



4282600009



4278225534



4278192649

Inverse Universe

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



4287843410



4290728026



4287850572



4283056963



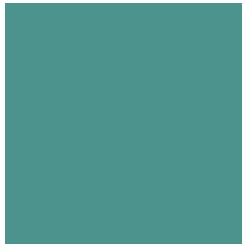
4287234060



4278845441

Previews

White Background



This preview shows how the Android color 4283208589 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4283208589 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 × Fail

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

Android 4283208589 Background



This preview shows how black text looks on a background with the Android color 4283208589.

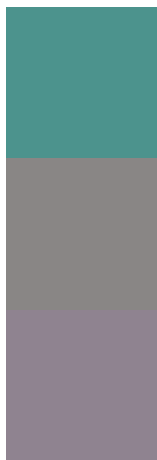


This preview shows how white text looks on a background with the Android color 4283208589.

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

4283208589


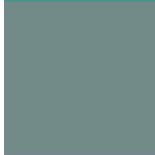
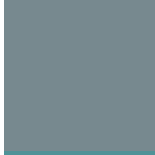
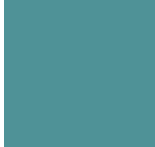
Protanopia

4287202949




Deuteranopia

4287595408

Trichromacy

	Original Color 4283208589
	Protanomaly 4285762440
	Deuteranomaly 4286024079
	Tritanomaly 4283404951

Monochromacy

	Original Color 4283208589
	Achromatopsia 4286414205
	Achromatomaly 4285236611

CSS Examples

Text

The CSS property to change the color of the text to Android 4283208589 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(76, 147, 141)` looks like.

```
.text, #text, p{  
    color:rgb(76, 147, 141)  
}
```

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(76, 147, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 147, 141) }
```

Border

The CSS property to change the border of an element to Android 4283208589 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(76, 147, 141) }
```

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

```
.border{ border-color:rgb(76, 147, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 147, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 147, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 147, 141);  
box-shadow:4px 4px 4px 4px rgb(76, 147,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4283208589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(76, 147, 141) }
```

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

```
.background{ background-color:rgb(76, 147,  
141) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor