

# Converting Colors

Android(4279802819)

Have a look what the booklet for  
Android(4279802819) contains.

<b>Android(4279802819)</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(4279802819)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	189BC3
RGB	24, 155, 195
RGB Percent	9%, 61%, 76%
CMY	0.9059, 0.3922, 0.2353
CMYK	0.88, 0.21, 0.00, 0.24
HSL	194°, 78%, 43%
HSV	194°, 88%, 76%
XYZ	21.9484, 27.5770, 55.7959
YIQ	120.3910, -90.9160, -15.3320

# Conversions

## Conversions Part 2

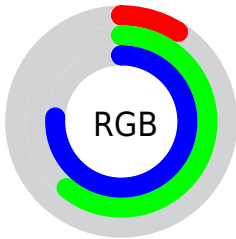
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	24, 98, 195
Decimal	1612739
CIE <sub>Lab</sub>	59.50, -18.70, -29.87
CIE <sub>LCh</sub>	60, 35.235, 237.952
Yxy	27.5770, 0.2084, 0.2618
Android (android.graphics.Color)	4279802819 (0xFF189BC3)
YUV	120.3910, 36.7822, -84.5349
Hunter-Lab	52.5138, -17.2944, -26.2359

# Details

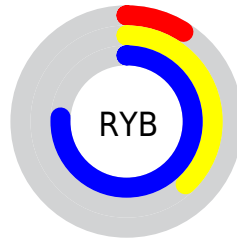
The Android color `4279802819` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4290986008`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4285059836`, and `4278216845` is the 20% darker color. If you saturate the color by 10%, you get `4278556355`, and if you desaturate by 10%, it is `4281049283`.

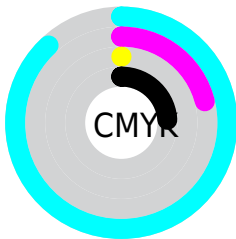
# Distribution



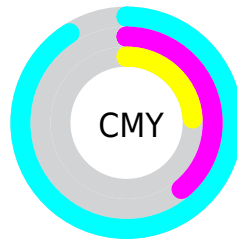
- Red (9%)
- Green (61%)
- Blue (76%)



- Red (9%)
- Yellow (38%)
- Blue (76%)



- Cyan (88%)
- Magenta (21%)
- Yellow (0%)
- Black (24%)



- Cyan (91%)
- Magenta (39%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279802819 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 4279802819 by changing the saturation by 10% instead.



 4279802819

 4279802819

4294967295

 4278223272

 4285059836


 4278216845

 4287098623

 4278210675

 4289069055

 4278204507

 4291100671

 4278199107

 4293066751

 4278190893

 4278190359

 4278190080

 4279802819

 4279802819

■ 4278556355

■ 4281049283

■ 4278228419

■ 4282361027

■ 4283607491

■ 4284919235

■ 4286231235

■ 4287477443

■ 4288723907

■ 4290035651

■ 4291282115

# Harmonies

## Analogous

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



4278230955



4279802819



4284322765

# Triad

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



4279802819



4291327891



4287010391

# Complementary

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



4279802819



4290986008

# 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.



4289039697



4279802819



4291459444

# Square

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



4279802819



4290018737



4290675292



4284587373

# Rectangle

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



4279802819



4286614730



4290675292



4287730515

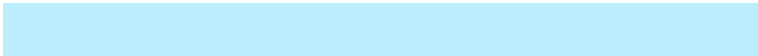


# Sweetspot

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



4279802819



4290506236



4279812928



4283987584



4278190080



4286611584



# Same Dimension

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



4279802819



4278239740



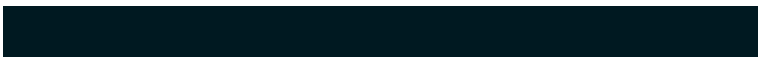
4279781059



4283916129



4278221729



4278196513



# Inverse Universe

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



4290975899



4294705345



4291007768



4284569439



4288741499



4280352793



# Previews

## White Background



This preview shows how the Android color 4279802819 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 4279802819 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 4279802819 Background



This preview shows how black text looks on a background with the Android color 4279802819.



This preview shows how white text looks on a background with the Android color 4279802819.

# 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**  
4279802819



**Protanomaly**  
4284256956



**Deuteranomaly**  
4283929285



**Tritanomaly**  
4278820276

# Monochromacy



**Original Color**  
4279802819



**Achromatopsia**  
4286085240



**Achromatomaly**  
4283794835

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279802819 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(24, 155, 195)` looks like.

```
.text, #text, p{  
    color:rgb(24, 155, 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(24, 155, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 155, 195) }
```

## Border

The CSS property to change the border of an element to Android 4279802819 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(24, 155, 195) }
```

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

```
.border{ border-color:rgb(24, 155, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 155, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 155, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 155, 195);  
box-shadow:4px 4px 4px 4px rgb(24, 155,  
195) }
```

# Background

The CSS property to change the background color of an element to Android 4279802819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 155, 195) }
```

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

```
.background{ background-color: rgb(24, 155,  
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](#).



# 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