

# Converting Colors

Android(4279936718)

Have a look what the booklet for  
Android(4279936718) contains.

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# **Color**

**Android(4279936718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AA6CE
RGB	26, 166, 206
RGB Percent	10%, 65%, 81%
CMY	0.8980, 0.3490, 0.1922
CMYK	0.87, 0.19, 0.00, 0.19
HSL	193°, 78%, 45%
HSV	193°, 87%, 81%
XYZ	25.2028, 31.9483, 63.2308
YIQ	128.7000, -96.2800, -17.2400

# Conversions

## Conversions Part 2

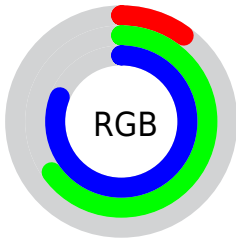
Format	Color
<a href="#">RYB</a>	<a href="#">26, 105, 206</a>
Decimal	<a href="#">1746638</a>
CIELab	<a href="#">63.30, -20.59, -30.14</a>
CIELCh	<a href="#">63, 36.497, 235.661</a>
Yxy	<a href="#">31.9483, 0.2094, 0.2654</a>
Android (android.graphics.Color)	<a href="#">4279936718</a> ( <a href="#">0xFF1AA6CE</a> )
YUV	<a href="#">128.7000, 38.1089, -90.0679</a>
Hunter-Lab	<a href="#">56.5228, -19.3240, -26.7605</a>

# Details

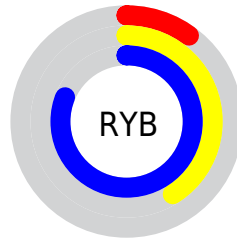
The Android color `4279936718` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4291707418`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4285259263`, and `4278219416` is the 20% darker color. If you saturate the color by 10%, you get `4278559182`, and if you desaturate by 10%, it is `4281314254`.

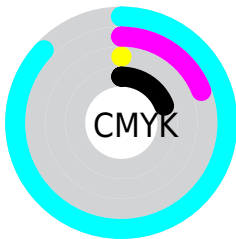
# Distribution



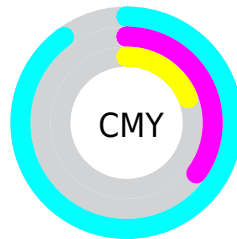
- Red (10%)
- Green (65%)
- Blue (81%)



- Red (10%)
- Yellow (41%)
- Blue (81%)



- Cyan (87%)
- Magenta (19%)
- Yellow (0%)
- Black (19%)



- Cyan (90%)
- Magenta (35%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279936718 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 4279936718 by changing the saturation by 10% instead.



 4279936718

 4279936718

4294967295

 4278226098

 4285259263

 4278219416

 4287363839

 4278212990

 4289396735

 4278207076

 4291428351

 4278201164

 4293394431

 4278196021

 4278190624

 4278190083

 4278190080

■ 4279936718

■ 4279936718

■ 4278559182

■ 4281314254

■ 4278231246

■ 4282625998

■ 4284003534

■ 4285315278

■ 4286692814

■ 4288070094

■ 4289382094

■ 4290759630

■ 4292071374

# Harmonies

## Analogous

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



4278233780



4279936718



4284522202

# Triad

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



4279936718



4292116639



4287799389

# Complementary

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



4279936718



4291707418

# 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.



4289959512



4279936718



4292379263

# Square

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



4279936718



4290676670



4291529317



4285310835

# Rectangle

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



4279936718



4286945240



4291529317



4288519514

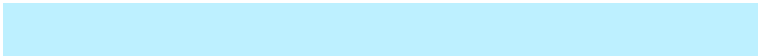


# Sweetspot

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



4279936718



4290638079



4279946817



4283987840



4278190080



4286611584

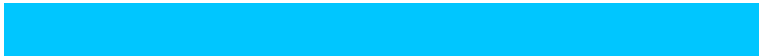


# Same Dimension

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



4279936718



4278241023



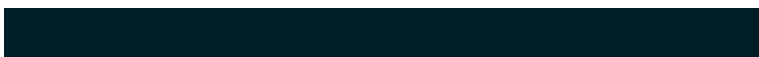
4279913934



4284245094



4278223270



4278197798



# Inverse Universe

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



4291697318



4294901958



4291730202



4284898404



4289069185



4280680478



# Previews

## White Background



This preview shows how the Android color 4279936718 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 4279936718 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 4279936718 Background



This preview shows how black text looks on a background with the Android color 4279936718.



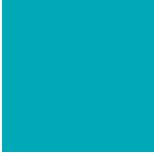
This preview shows how white text looks on a background with the Android color 4279936718.

# 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**  
4279936718



**Protanomaly**  
4284718278



**Deuteranomaly**  
4284456145



**Tritanomaly**  
4278823103

# Monochromacy



**Original Color**  
4279936718



**Achromatopsia**  
4286677377



**Achromatomaly**  
4284255901

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279936718 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(26, 166, 206)` looks like.

```
.text, #text, p{  
    color:rgb(26, 166, 206)  
}
```

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(26, 166, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 166, 206) }
```

## Border

The CSS property to change the border of an element to Android 4279936718 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(26, 166, 206) }
```

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

```
.border{ border-color:rgb(26, 166, 206) }
```

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

Here you see how a box with a 4 pixel rgb(26, 166, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 166, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 166, 206);  
box-shadow:4px 4px 4px 4px rgb(26, 166,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4279936718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 166, 206) }
```

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

```
.background{ background-color: rgb(26, 166,  
206) }
```

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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