

# Converting Colors

Android(4279277774)

Have a look what the booklet for  
Android(4279277774) contains.

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# Color

**Android(4279277774)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1098CE
RGB	16, 152, 206
RGB Percent	6%, 60%, 81%
CMY	0.9373, 0.4039, 0.1922
CMYK	0.92, 0.26, 0.00, 0.19
HSL	197°, 86%, 44%
HSV	197°, 92%, 81%
XYZ	22.5825, 27.0229, 62.4182
YIQ	117.4920, -98.3900, -12.0380

# Conversions

## Conversions Part 2

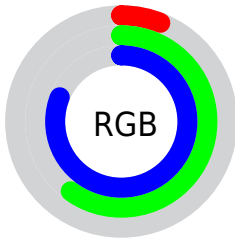
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 95, 206
Decimal	1087694
CIE <sub>Lab</sub>	59.00, -13.58, -36.84
CIE <sub>LCh</sub>	59, 39.261, 249.771
Yxy	27.0229, 0.2016, 0.2412
Android (android.graphics.Color)	4279277774 (0xFF1098CE)
YUV	117.4920, 43.6344, -89.0085
Hunter-Lab	51.9835, -13.4278, -34.8029

# Details

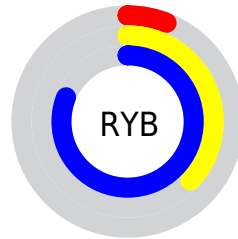
The Android color `4279277774` is a dark color, and the websafe version is hex `0099CC`. The color can be described as dark washed azure. A complement of this color would be `4291708432`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4284993279`, and `4278216087` is the 20% darker color. If you saturate the color by 10%, you get `4278227918`, and if you desaturate by 10%, it is `4280655566`.

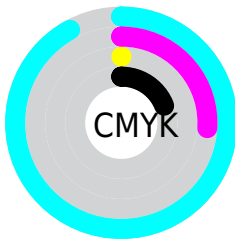
# Distribution



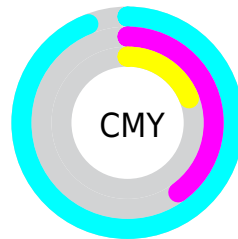
- Red (6%)
- Green (60%)
- Blue (81%)



- Red (6%)
- Yellow (37%)
- Blue (81%)



- Cyan (92%)
- Magenta (26%)
- Yellow (0%)
- Black (19%)



- Cyan (94%)
- Magenta (40%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279277774 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 4279277774 by changing the saturation by 10% instead.



 4279277774

 4279277774

4294967295

 4278222514

 4284993279

 4278216087

 4287097599

 4278209917

 4289134591

 4278204260

 4291166207

 4278198860

 4293132287

 4278191413

 4278190623

 4278190082

 4278190080

■ 4279277774

■ 4279277774

■ 4278227918

■ 4280655566

■ 4281967822

■ 4283345614

■ 4284657614

■ 4286035406

■ 4287413198

■ 4288725454

■ 4290103246

■ 4291415502

# Harmonies

## Analogous

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



4278230713



4279277774



4285238994

# Triad

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



4279277774



4291850884



4285765975

# Complementary

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



4279277774



4291708432

# 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.



4288188488



4279277774



4291524708

# Square

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



4279277774



4290934183



4290217037



4282687093

# Rectangle

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



4279277774



4287661514



4290217037



4286617168

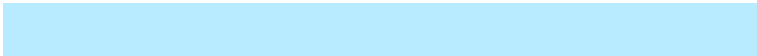


# Sweetspot

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



4279277774



4290309119



4279291462



4283724672



4278190080



4286611584

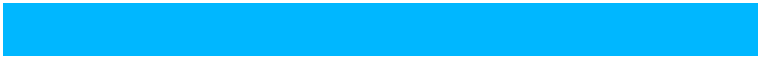


# Same Dimension

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



4279277774



4278237183



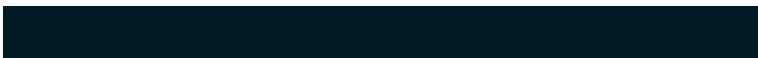
4279253454



4284244838



4278220710



4278197030



# Inverse Universe

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



4291694744



4294901943



4291732752



4284898403



4289069175



4280680475



# Previews

## White Background



This preview shows how the Android color 4279277774 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 4279277774 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 4279277774 Background



This preview shows how black text looks on a background with the Android color 4279277774.



This preview shows how white text looks on a background with the Android color 4279277774.

# 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**

4279277774



**Protanomaly**

4283797704



**Deuteranomaly**

4283273424



**Tritanomaly**

4278623158

# Monochromacy



**Original Color**

4279277774



**Achromatopsia**

4285887861



**Achromatomaly**

4283466389

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279277774 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(16, 152, 206)` looks like.

```
.text, #text, p{  
    color:rgb(16, 152, 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(16, 152, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 152, 206) }
```

## Border

The CSS property to change the border of an element to Android 4279277774 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(16, 152, 206) }
```

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

```
.border{ border-color:rgb(16, 152, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 152, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 152, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 152, 206);  
box-shadow:4px 4px 4px 4px rgb(16, 152,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4279277774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 152, 206) }
```

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

```
.background{ background-color: rgb(16, 152,  
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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