

# Converting Colors

Android(4279810540)

Have a look what the booklet for  
Android(4279810540) contains.

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# **Color**

**Android(4279810540)**

# Conversions

## Conversions Part 1

Format	Color
Hex	18B9EC
RGB	24, 185, 236
RGB Percent	9%, 73%, 93%
CMY	0.9059, 0.2745, 0.0745
CMYK	0.90, 0.22, 0.00, 0.07
HSL	194°, 85%, 51%
HSV	194°, 90%, 93%
XYZ	32.8660, 40.9482, 85.5285
YIQ	142.6750, -112.3270, -18.2710

# Conversions

## Conversions Part 2

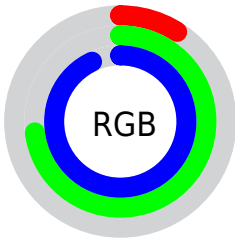
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	24, 116, 236
Decimal	1620460
CIELab	70.14, -20.35, -36.02
CIELCh	70, 41.368, 240.539
Yxy	40.9482, 0.2063, 0.2570
Android (android.graphics.Color)	4279810540 (0xFF18B9EC)
YUV	142.6750, 46.0092, -104.0780
Hunter-Lab	63.9908, -20.3055, -34.4519

# Details

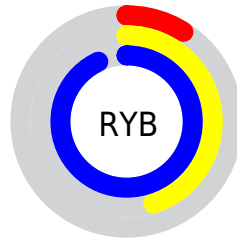
The Android color **4279810540** is a dark color, and the websafe version is hex **33CCFF**. The color can be described as middle washed azure. A complement of this color would be **4293675800**, and the grayscale version is **4287532686**.

A 20% lighter version of the original color is **4285723135**, and **4278224052** is the 20% darker color. If you saturate the color by 10%, you get **4278236140**, and if you desaturate by 10%, it is **4281384940**.

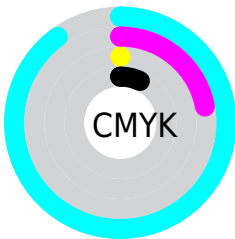
# Distribution



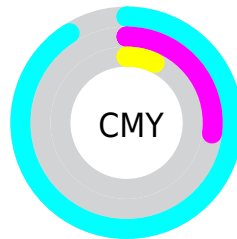
- Red (9%)
- Green (73%)
- Blue (93%)



- Red (9%)
- Yellow (45%)
- Blue (93%)



- Cyan (90%)
- Magenta (22%)
- Yellow (0%)
- Black (7%)



- Cyan (91%)
- Magenta (27%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279810540 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 4279810540 by changing the saturation by 10% instead.



 4279810540

 4279810540

4294967295

 4278230736

 4285723135

 4278224052

 4287889407

 4278217625

 4289986559

 4278211199

 4292018175

 4278205286

 4294115327

 4278199885

 4278191670

 4278190624

 4278190084

■ 4279810540

■ 4279810540

■ 4278236140

■ 4281384940

■ 4282893548

■ 4284467948

■ 4285976812

■ 4287550956

■ 4289125356

■ 4290634220

■ 4292208364

■ 4293717228

# Harmonies

## Analogous

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



4278238928



4279810540



4285771766

# Triad

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



4279810540



4294020780



4288460137

# Complementary

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



4279810540



4293675800

# 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.



4291012959



4279810540



4294087047

# Square

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



4279810540



4292580561



4292975723



4285447301

# Rectangle

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



4279810540



4288587506



4292975723



4289376611

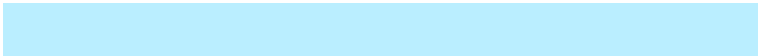


# Sweetspot

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



4279810540



4290440959



4279823433



4283922048



4278190080



4286611584

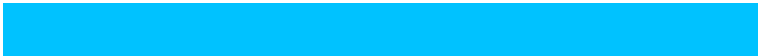


# Same Dimension

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



4279810540



4278239999



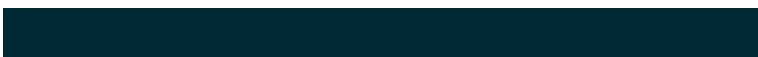
4279783916



4285166197



4278225333



4278200630



# Inverse Universe

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



4293662905



4294901954



4293702424



4285885042



4290052233

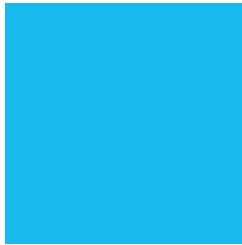


4281729065



# Previews

## White Background



This preview shows how the Android color 4279810540 looks on a white background.

## Color Contrast Check

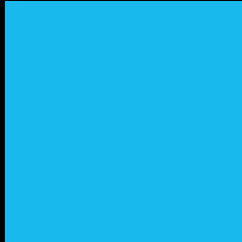
Large Text (above 18pt) WCAG AA × Fail

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 4279810540 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 4279810540 Background



This preview shows how black text looks on a background with the Android color 4279810540.



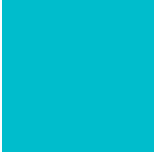
This preview shows how white text looks on a background with the Android color 4279810540.

# 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





**Tritanopia**  
4278238668

# Trichromacy



**Original Color**

4279810540



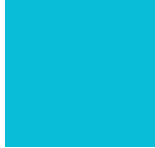
**Protanomaly**

4285247204



**Deuteranomaly**

4284853999



**Tritanomaly**

4278828248

# Monochromacy



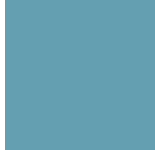
**Original Color**

4279810540



**Achromatopsia**

4287598479



**Achromatomaly**

4284784305

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279810540 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, 185, 236)` looks like.

```
.text, #text, p{  
    color:rgb(24, 185, 236)  
}
```

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, 185, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 185, 236) }
```

## Border

The CSS property to change the border of an element to Android 4279810540 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, 185, 236) }
```

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

```
.border{ border-color:rgb(24, 185, 236) }
```

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

Here you see how a box with a 4 pixel rgb(24, 185, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 185, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 185, 236);  
box-shadow:4px 4px 4px 4px rgb(24, 185,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4279810540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 185, 236) }
```

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

```
.background{ background-color: rgb(24, 185,  
236) }
```

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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