

# Converting Colors

Android(4279468780)

Have a look what the booklet for  
Android(4279468780) contains.

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# Color

**Android(4279468780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1382EC
RGB	19, 130, 236
RGB Percent	7%, 51%, 93%
CMY	0.9255, 0.4902, 0.0745
CMYK	0.92, 0.45, 0.00, 0.07
HSL	209°, 85%, 50%
HSV	209°, 92%, 93%
XYZ	23.3915, 22.1598, 82.4013
YIQ	108.8950, -100.1820, 9.4340

# Conversions

## Conversions Part 2

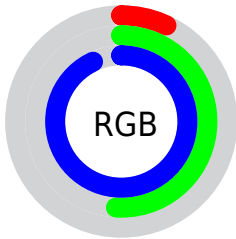
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">19, 92, 236</a>
<a href="#">Decimal</a>	<a href="#">1278700</a>
<a href="#">CIELab</a>	<a href="#">54.20, 10.77, -61.23</a>
<a href="#">CIELCh</a>	<a href="#">54, 62.170, 279.972</a>
<a href="#">Yxy</a>	<a href="#">22.1598, 0.1828, 0.1732</a>
<a href="#">Android (android.graphics.Color)</a>	<a href="#">4279468780 (0xFF1382EC)</a>
<a href="#">YUV</a>	<a href="#">108.8950, 62.6628, -78.8379</a>
<a href="#">Hunter-Lab</a>	<a href="#">47.0742, 6.3180, -70.8325</a>

# Details

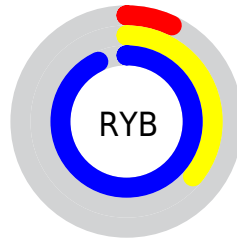
The Android color `4279468780` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark washed azure. A complement of this color would be `4293688595`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4285511423`, and `4278211251` is the 20% darker color. If you saturate the color by 10%, you get `4278221292`, and if you desaturate by 10%, it is `4281044716`.

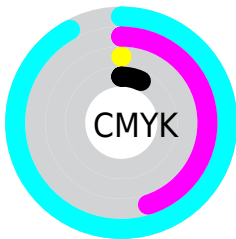
# Distribution



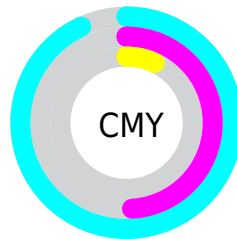
- Red (7%)
- Green (51%)
- Blue (93%)



- Red (7%)
- Yellow (36%)
- Blue (93%)



- Cyan (92%)
- Magenta (45%)
- Yellow (0%)
- Black (7%)



- Cyan (93%)
- Magenta (49%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279468780 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 4279468780 by changing the saturation by 10% instead.



 4279468780

 4279468780

4294967295

 4278217167

 4285511423

 4278211251

 4287681279

 4278205592

 4289720063

 4278200189

 4291821567

 4278195300

 4293853183

 4278192459

 4278191155

 4278190621

 4278190080

■ 4279468780

■ 4279468780

■ 4278221292

■ 4281044716

■ 4282554860

■ 4284130796

■ 4285640940

■ 4287216876

■ 4288792556

■ 4290302956

■ 4291878636

■ 4293389036

# Harmonies

## Analogous

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



4278227431



4279468780



4288310229

# Triad

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



4279468780



4292303423



4278229083

# Complementary

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



4279468780



4293688595

# 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.



4283404582



4279468780



4290277902

# Square

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



4279468780



4292954738



4287333632



4278229651

# Rectangle

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



4279468780



4290861752



4287333632



4278228553

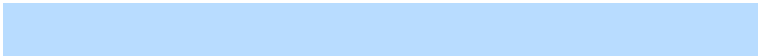


# Sweetspot

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



4279468780



4290305279



4279495804



4283722368



4278190080



4286611584



# Same Dimension

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



4279468780



4278223615



4279441388



4285165685



4278214069



4278197046



# Inverse Universe

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



4293661570



4294901890



4293715987



4285885040



4290052189

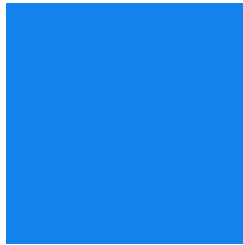


4281729051



# Previews

## White Background



This preview shows how the Android color 4279468780 looks on a white background.

## Color Contrast Check

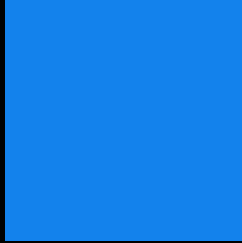
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279468780 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

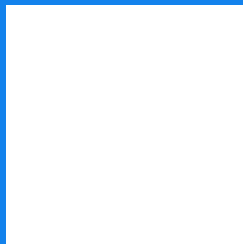
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279468780 Background



This preview shows how black text looks on a background with the Android color 4279468780.



This preview shows how white text looks on a background with the Android color 4279468780.

# 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**  
4279468780

**Protanomaly**  
4281958377

**Deuteranomaly**  
4278682601

**Tritanomaly**  
4278684343

# Monochromacy



**Original Color**  
4279468780

**Achromatopsia**  
4285361517

**Achromatomaly**  
4283200923

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279468780 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(19, 130, 236)` looks like.

```
.text, #text, p{  
    color:rgb(19, 130, 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(19, 130, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 130, 236) }
```

## Border

The CSS property to change the border of an element to Android 4279468780 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(19, 130, 236) }
```

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

```
.border{ border-color:rgb(19, 130, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 130, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 130, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 130, 236);  
box-shadow:4px 4px 4px 4px rgb(19, 130,  
236) }
```

# Background

The CSS property to change the background color of an element to Android 4279468780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 130, 236) }
```

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

```
.background{ background-color: rgb(19, 130,  
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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