

# Converting Colors

Android(4279993328)

Have a look what the booklet for  
Android(4279993328) contains.

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# Color

**Android(4279993328)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1B83F0
RGB	27, 131, 240
RGB Percent	11%, 51%, 94%
CMY	0.8941, 0.4863, 0.0588
CMYK	0.89, 0.45, 0.00, 0.06
HSL	211°, 88%, 52%
HSV	211°, 89%, 94%
XYZ	24.2965, 22.7569, 85.5500
YIQ	112.3300, -96.9730, 11.8510

# Conversions

## Conversions Part 2

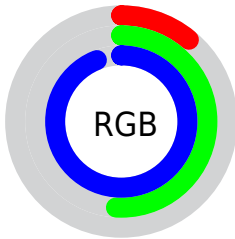
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	27, 97, 240
Decimal	1803248
CIE <sub>Lab</sub>	54.82, 12.06, -62.45
CIE <sub>LCh</sub>	55, 63.600, 280.933
Yxy	22.7569, 0.1832, 0.1716
Android (android.graphics.Color)	4279993328 (0xFF1B83F0)
YUV	112.3300, 62.9413, -74.8344
Hunter-Lab	47.7042, 7.4305, -72.9345

# Details

The Android color `4279993328` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4293953563`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4285708287`, and `4278211511` is the 20% darker color. If you saturate the color by 10%, you get `4278417392`, and if you desaturate by 10%, it is `4281569264`.

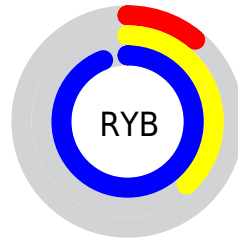
# Distribution



Red (11%)

Green (51%)

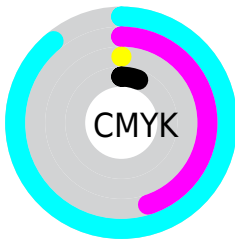
Blue (94%)



Red (11%)

Yellow (38%)

Blue (94%)

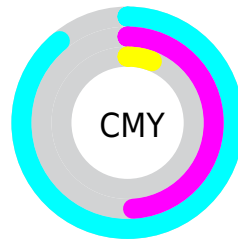


Cyan (89%)

Magenta (45%)

Yellow (0%)

Black (6%)



Cyan (89%)

Magenta (49%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279993328 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 4279993328 by changing the saturation by 10% instead.



 4279993328

 4279993328

4294967295

 4278217427

 4285708287

 4278211511

 4287878143

 4278205852

 4289982463

 4278200449

 4292018175

 4278195559

 4294049791

 4278192718

 4278191414

 4278190624

 4278190084

■ 4279993328

■ 4279993328

■ 4278417392

■ 4281569264

■ 4278220272

■ 4283145456

■ 4284721392

■ 4286297328

■ 4287873264

■ 4289449456

■ 4291025392

■ 4292601328

■ 4294177520

# Harmonies

## Analogous

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



4278227947



4279993328



4288637911

# Triad

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



4279993328



4292500285



4278229597

# Complementary

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



4279993328



4293953563

# 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.



4283274278



4279993328



4290343688

# Square

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



4279993328



4293216881



4287334144



4278230422

# Rectangle

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



4279993328



4291189178



4287334144



4278229322

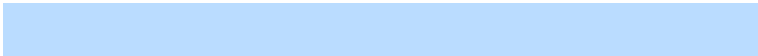


# Sweetspot

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



4279993328



4290436351



4280021125



4283919232



4278190080



4286611584



# Same Dimension

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



4279993328



4278222335



4279966704



4285297272



4278213304



4278197048



# Inverse Universe

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



4293925763



4294901885



4293980187



4286082162



4290248794



4281860123



# Previews

## White Background



This preview shows how the Android color 4279993328 looks on a white background.

## Color Contrast Check

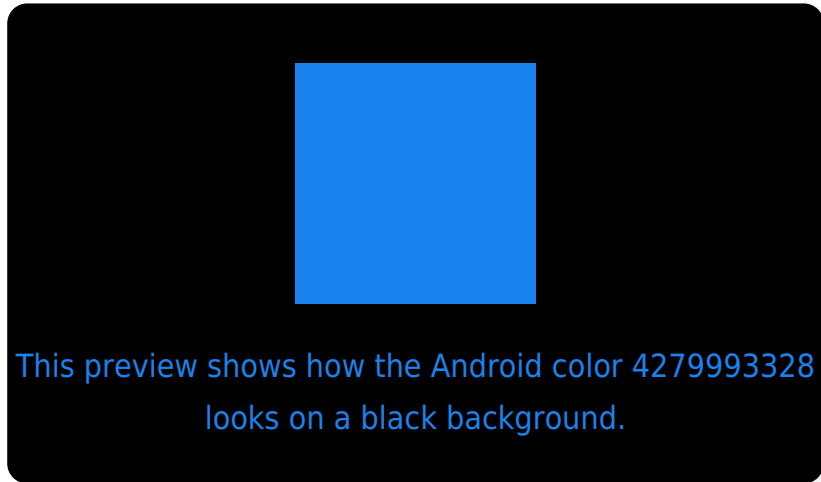
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

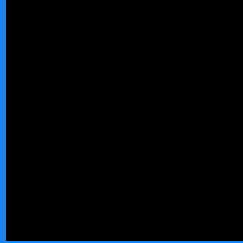
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

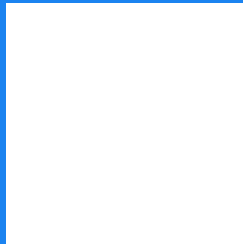
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279993328 Background



This preview shows how black text looks on a background with the Android color 4279993328.



This preview shows how white text looks on a background with the Android color 4279993328.

# 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**  
4279993328

**Protanomaly**  
4282089709

**Tritanomaly**  
4278881466

# Monochromacy



**Original Color**  
4279993328

**Achromatopsia**  
4285558896

**Achromatomaly**  
4283529119

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279993328 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(27, 131, 240)` looks like.

```
.text, #text, p{  
    color:rgb(27, 131, 240)  
}
```

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(27, 131, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 131, 240) }
```

## Border

The CSS property to change the border of an element to Android 4279993328 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(27, 131, 240) }
```

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

```
.border{ border-color:rgb(27, 131, 240) }
```

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

Here you see how a box with a 4 pixel rgb(27, 131, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 131, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 131, 240);  
box-shadow:4px 4px 4px 4px rgb(27, 131,  
240) }
```

# Background

The CSS property to change the background color of an element to Android 4279993328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 131, 240) }
```

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

```
.background{ background-color: rgb(27, 131,  
240) }
```

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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