

# Converting Colors

Android(4279527679)

Have a look what the booklet for  
Android(4279527679) contains.

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# Color

**Android(4279527679)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1468FF
RGB	20, 104, 255
RGB Percent	8%, 41%, 100%
CMY	0.9216, 0.5922, 0.0000
CMYK	0.92, 0.59, 0.00, 0.00
HSL	219°, 100%, 54%
HSV	219°, 92%, 100%
XYZ	23.2888, 17.2694, 96.7136
YIQ	96.0980, -98.5350, 29.1530

# Conversions

## Conversions Part 2

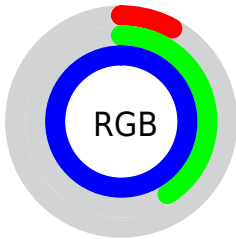
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	20, 82, 255
Decimal	1337599
CIE Lab	48.60, 34.44, -80.88
CIE LCh	49, 87.904, 293.065
Yxy	17.2694, 0.1697, 0.1258
Android (android.graphics.Color)	4279527679 (0xFF1468FF)
YUV	96.0980, 78.3387, -66.7379
Hunter-Lab	41.5564, 27.3102, -108.8952

# Details

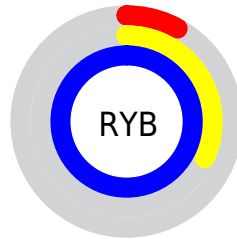
The Android color `4279527679` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4294945556`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4285897471`, and `4278205125` is the 20% darker color. If you saturate the color by 10%, you get `4278213631`, and if you desaturate by 10%, it is `4281235711`.

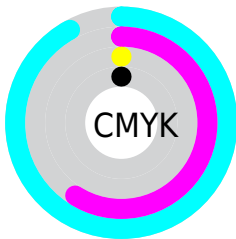
# Distribution



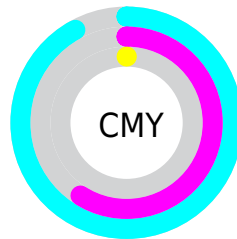
- Red (8%)
- Green (41%)
- Blue (100%)



- Red (8%)
- Yellow (32%)
- Blue (100%)



- Cyan (92%)
- Magenta (59%)
- Yellow (0%)
- Black (0%)



- Cyan (92%)
- Magenta (59%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279527679 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 4279527679 by changing the saturation by 10% instead.



 4279527679

 4279527679

4294967295

 4278210786

 4285897471

 4278205125

 4288132607

 4278200233

 4290302207

 4278195854

 4292406783

 4278190195

 4294508543

 4278193497

 4278191937

 4278190890

 4278190356

■ 4279527679

■ 4279527679

■ 4278213631

■ 4281235711

■ 4282878463

■ 4284586495

■ 4286229247

■ 4287871743

■ 4289579775

■ 4291288063

■ 4292930559

■ 4294638591

# Harmonies

## Analogous

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



4278223871



4279527679



4290262734

# Triad

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



4279527679



4291773184



4278227039

# Complementary

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



4279527679



4294945556

# 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.



4278225664



4279527679



4288375552

# Square

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



4279527679



4293722175



4283793408



4278227372

# Rectangle

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



4279527679



4292739233



4283793408



4278226756



# Sweetspot

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



4279527679



4290302463



4279566249



4283720832



4278190080



4286611584



# Same Dimension

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



4279527679



4278213631



4281537791



4285757312



4278207679



4278196032



# Inverse Universe

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



4294906984



4294901851



4292935444



4286608247



4290707524



4282384407



# Previews

## White Background



This preview shows how the Android color 4279527679 looks on a white background.

## Color Contrast Check

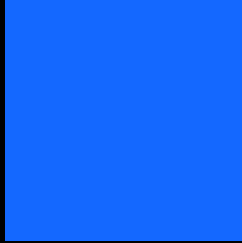
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4279527679 looks on a black 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

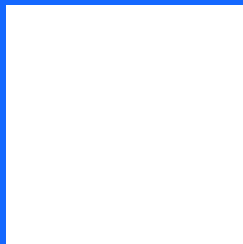
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279527679 Background



This preview shows how black text looks on a background with the Android color 4279527679.



This preview shows how white text looks on a background with the Android color 4279527679.

# 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



**Original Color**  
4279527679

**Protanopia**  
4278218474

**Deuteranopia**  
4278220232



# Trichromacy



**Original Color**  
4279527679

**Protanomaly**  
4278676722

**Deuteranomaly**  
4278677724

**Tritanomaly**  
4278679475

# Monochromacy



**Original Color**  
4279527679

**Achromatopsia**  
4284506208

**Achromatomaly**  
4282672026

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279527679 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(20, 104, 255)` looks like.

```
.text, #text, p{  
    color:rgb(20, 104, 255)  
}
```

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(20, 104, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 104, 255) }
```

## Border

The CSS property to change the border of an element to Android 4279527679 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(20, 104, 255) }
```

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

```
.border{ border-color:rgb(20, 104, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 104, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 104, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 104, 255);  
box-shadow:4px 4px 4px 4px rgb(20, 104,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4279527679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 104, 255) }
```

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

```
.background{ background-color: rgb(20, 104,  
255) }
```

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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