

# Converting Colors

Android(4279981028)

Have a look what the booklet for  
Android(4279981028) contains.

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# Color

**Android(4279981028)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1B53E4
RGB	27, 83, 228
RGB Percent	11%, 33%, 89%
CMY	0.8941, 0.6745, 0.1059
CMYK	0.88, 0.64, 0.00, 0.11
HSL	223°, 79%, 50%
HSV	223°, 88%, 89%
XYZ	17.5488, 12.0210, 74.7941
YIQ	82.7860, -79.9210, 33.2230

# Conversions

## Conversions Part 2

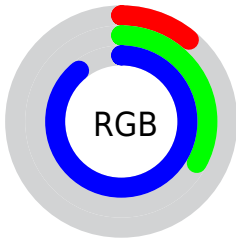
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	27, 71, 228
Decimal	1790948
CIE Lab	41.25, 37.95, -77.76
CIE LCh	41, 86.527, 296.012
Yxy	12.0210, 0.1682, 0.1152
Android (android.graphics.Color)	4279981028 (0xFF1B53E4)
YUV	82.7860, 71.5905, -48.9243
Hunter-Lab	34.6713, 29.6730, -103.6327

# Details

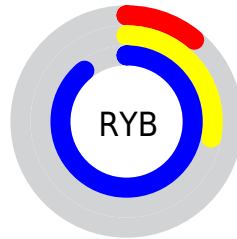
The Android color `4279981028` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4293176347`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4285629695`, and `4278200235` is the 20% darker color. If you saturate the color by 10%, you get `4278469604`, and if you desaturate by 10%, it is `4281492452`.

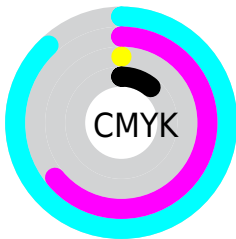
# Distribution



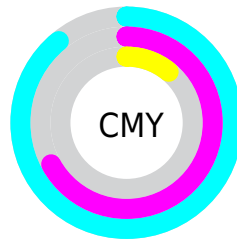
- Red (11%)
- Green (33%)
- Blue (89%)



- Red (11%)
- Yellow (28%)
- Blue (89%)



- Cyan (88%)
- Magenta (64%)
- Yellow (0%)
- Black (11%)



- Cyan (89%)
- Magenta (67%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279981028 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 4279981028 by changing the saturation by 10% instead.



 4279981028

 4279981028

4294967295

 4278205639

 4285629695


 4278200235

 4287799039

 4278195600

 4289903103

 4278190197

 4291941887

 4278193499

 4294046207

 4278191939

 4278190892

 4278190358

 4278190080

■ 4279981028

■ 4279981028

■ 4278469604

■ 4281492452

■ 4278206692

■ 4283004132

■ 4284450020

■ 4285961700

■ 4287473124

■ 4288984804

■ 4290496228

■ 4291942372

■ 4293453796

# Harmonies

## Analogous

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



4278218739



4279981028



4289270194

# Triad

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



4279981028



4289934592



4278221653

# Complementary

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



4279981028



4293176347

# 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.



4278220800



4279981028



4286536704

# Square

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



4279981028



4291952681



4281888512



4278222239

# Rectangle

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



4279981028



4291428486



4281888512



4278221628



# Sweetspot

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



4279981028



4290629631



4280018091



4283982720



4278190080



4286611584



# Same Dimension

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



4279981028



4278208511



4282850276



4284967539



4278203059



4278193715



# Inverse Universe

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



4293139283



4294901831



4290307099



4285753194



4289921074



4281532430



# Previews

## White Background



This preview shows how the Android color 4279981028 looks on a white background.

## Color Contrast Check

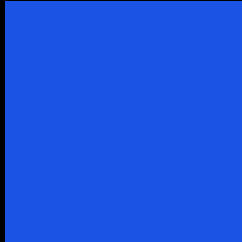
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279981028 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 4279981028 Background



This preview shows how black text looks on a background with the Android color 4279981028.



This preview shows how white text looks on a background with the Android color 4279981028.

# 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**  
4279981028

**Protanopia**  
4278214085

**Deuteranopia**  
4278215592



# Trichromacy



**Original Color**  
4279981028

**Protanomaly**  
4278868432

**Deuteranomaly**  
4278869438

**Tritanomaly**  
4278870683

# Monochromacy



**Original Color**  
4279981028

**Achromatopsia**  
4283650899

**Achromatomaly**  
4282340232

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279981028 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, 83, 228)` looks like.

```
.text, #text, p{  
    color:rgb(27, 83, 228)  
}
```

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, 83, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 83, 228) }
```

## Border

The CSS property to change the border of an element to Android 4279981028 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, 83, 228) }
```

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

```
.border{ border-color:rgb(27, 83, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 83, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 83, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 83, 228);  
box-shadow:4px 4px 4px 4px rgb(27, 83,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4279981028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 83, 228) }
```

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

```
.background{ background-color: rgb(27, 83,  
228) }
```

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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