

# Converting Colors

Android(4279916261)

Have a look what the booklet for  
Android(4279916261) contains.

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# Color

**Android(4279916261)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1A56E5
RGB	26, 86, 229
RGB Percent	10%, 34%, 90%
CMY	0.8980, 0.6627, 0.1020
CMYK	0.89, 0.62, 0.00, 0.10
HSL	222°, 80%, 50%
HSV	222°, 89%, 90%
XYZ	17.8966, 12.5323, 75.6045
YIQ	84.3620, -81.6630, 31.7530

# Conversions

## Conversions Part 2

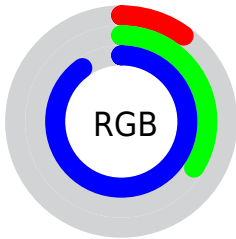
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	26, 72, 229
Decimal	1726181
CIE Lab	42.05, 36.37, -77.02
CIE LCh	42, 85.171, 295.276
Yxy	12.5323, 0.1688, 0.1182
Android (android.graphics.Color)	4279916261 (0xFF1A56E5)
YUV	84.3620, 71.3065, -51.1835
Hunter-Lab	35.4010, 28.2871, -101.8424

# Details

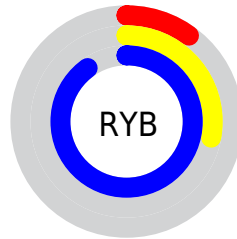
The Android color `4279916261` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4293241114`, and the grayscale version is `4283716692`.

A 20% lighter version of the original color is `4285630463`, and `4278201004` is the 20% darker color. If you saturate the color by 10%, you get `4278404837`, and if you desaturate by 10%, it is `4281427685`.

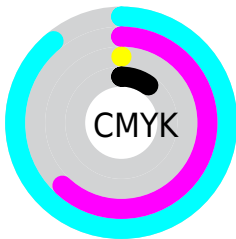
# Distribution



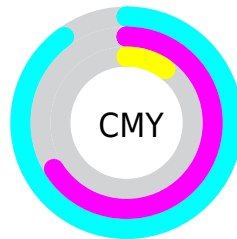
- Red (10%)
- Green (34%)
- Blue (90%)



- Red (10%)
- Yellow (28%)
- Blue (90%)



- Cyan (89%)
- Magenta (62%)
- Yellow (0%)
- Black (10%)



- Cyan (90%)
- Magenta (66%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279916261 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 4279916261 by changing the saturation by 10% instead.



 4279916261

 4279916261

4294967295

 4278206408

 4285630463

 4278201004

 4287799807

 4278196369

 4289903871

 4278190454

 4291942655

 4278193244

 4293981439

 4278191940

 4278190893

 4278190359

 4278190080

■ 4279916261

■ 4279916261

■ 4278404837

■ 4281427685

■ 4278207717

■ 4282939109

■ 4284450533

■ 4285962213

■ 4287408101

■ 4288919525

■ 4290430949

■ 4291942373

■ 4293453797

# Harmonies

## Analogous

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



4278219250



4279916261



4289207477

# Triad

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



4279916261



4290066176



4278222166

# Complementary

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



4279916261



4293241114

# 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.



4278221056



4279916261



4286799104

# Square

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



4279916261



4292018221



4282281984



4278222750

# Rectangle

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



4279916261



4291428489



4282281984



4278221884



# Sweetspot

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



4279916261



4290432767



4279952808



4283917184



4278190080



4286611584



# Same Dimension

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



4279916261



4278209535



4282587877



4284967795



4278203827



4278193971



# Inverse Universe

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



4293204566



4294901835



4290569498



4285753195



4289921077



4281532431



# Previews

## White Background



This preview shows how the Android color 4279916261 looks on a white background.

## Color Contrast Check

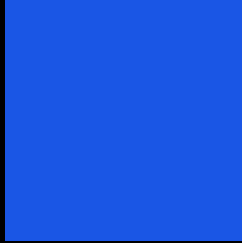
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279916261 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 4279916261 Background



This preview shows how black text looks on a background with the Android color 4279916261.



This preview shows how white text looks on a background with the Android color 4279916261.

# 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**  
4279916261

**Protanopia**  
4278214601

**Deuteranopia**  
4278216108



# Trichromacy



**Original Color**  
4279916261

**Protanomaly**  
4278803667

**Deuteranomaly**  
4278804673

**Tritanomaly**  
4278805917

# Monochromacy



**Original Color**  
4279916261

**Achromatopsia**  
4283716692

**Achromatomaly**  
4282340745

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279916261 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(26, 86, 229)` looks like.

```
.text, #text, p{  
    color:rgb(26, 86, 229)  
}
```

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(26, 86, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 86, 229) }
```

## Border

The CSS property to change the border of an element to Android 4279916261 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(26, 86, 229) }
```

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

```
.border{ border-color:rgb(26, 86, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 86, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 86, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 86, 229);  
box-shadow:4px 4px 4px 4px rgb(26, 86,  
229) }
```

# Background

The CSS property to change the background color of an element to Android 4279916261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 86, 229) }
```

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

```
.background{ background-color: rgb(26, 86,  
229) }
```

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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