

# Converting Colors

Android(4279189414)

Have a look what the booklet for  
Android(4279189414) contains.

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# Color

**Android(4279189414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0F3FA6
RGB	15, 63, 166
RGB Percent	6%, 25%, 65%
CMY	0.9412, 0.7529, 0.3490
CMYK	0.91, 0.62, 0.00, 0.35
HSL	221°, 83%, 35%
HSV	221°, 91%, 65%
XYZ	8.8574, 6.4097, 36.8468
YIQ	60.3900, -61.6710, 21.8570

# Conversions

## Conversions Part 2

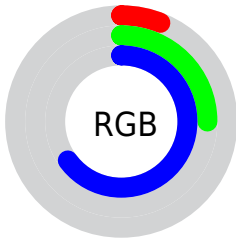
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	15, 51, 166
Decimal	999334
CIE Lab	30.42, 26.59, -59.33
CIE LCh	30, 65.016, 294.136
Yxy	6.4097, 0.1700, 0.1230
Android (android.graphics.Color)	4279189414 (0xFF0F3FA6)
YUV	60.3900, 52.0657, -39.8070
Hunter-Lab	25.3175, 18.1435, -68.5677

# Details

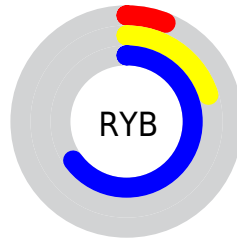
The Android color `4279189414` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289099279`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4284313310`, and `4278195825` is the 20% darker color. If you saturate the color by 10%, you get `4278203814`, and if you desaturate by 10%, it is `4280306342`.

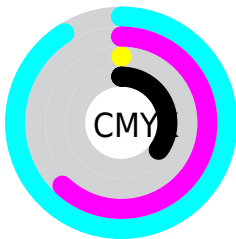
# Distribution



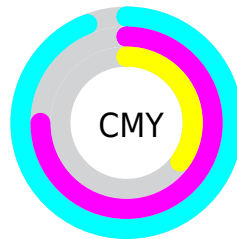
- Red (6%)
- Green (25%)
- Blue (65%)



- Red (6%)
- Yellow (20%)
- Blue (65%)



- Cyan (91%)
- Magenta (62%)
- Yellow (0%)
- Black (35%)



- Cyan (94%)
- Magenta (75%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279189414 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 4279189414 by changing the saturation by 10% instead.



 4279189414

 4279189414

4294967295

 4278200971

 4284313310

 4278195825

 4286285819

 4278190168

 4288258559

 4278191679

 4290166015

 4278190888

 4292139263

 4278190354

 4294112511

 4278190080

 4279189414

 4279189414

 4278203814

 4280306342

■ 4281357990

■ 4282474918

■ 4283526310

■ 4284643494

■ 4285760422

■ 4286811814

■ 4287928998

■ 4288980390

# Harmonies

## Analogous

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



4278211247



4279189414



4286061188

# Triad

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



4279189414



4286916352



4278213436

# Complementary

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



4279189414



4289099279

# 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.



4278212608



4279189414



4284563968

# Square

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



4279189414



4288282658



4281422080



4278213744

# Rectangle

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



4279189414



4287692901



4281422080



4278213162



# Sweetspot

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



4279189414



4288590297



4279215732



4283127406



4293783021



4285427310



# Same Dimension

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



4279189414



4278207961



4280815526



4283190868



4278202260



4278191636



# Inverse Universe

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



4289072959



4292411461



4287473167



4283714638



4287889455



4279500806



# Previews

## White Background



This preview shows how the Android color 4279189414 looks on a white background.

## Color Contrast Check

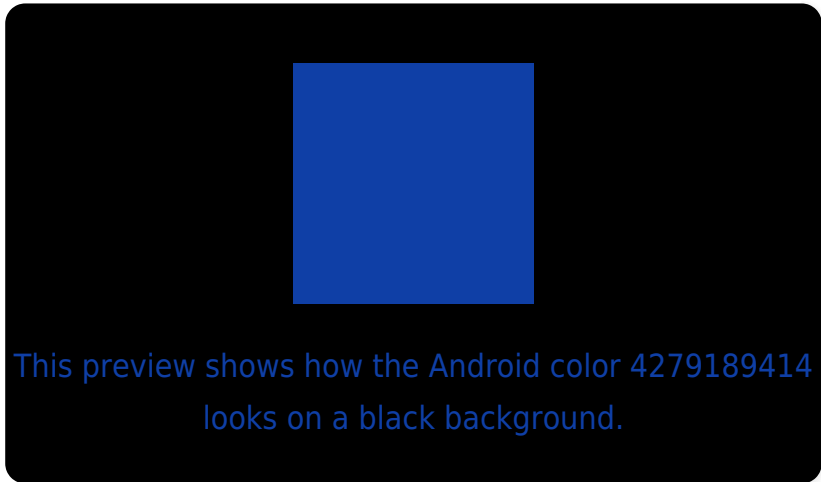
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4279189414 Background



This preview shows how black text looks on a background with the Android color 4279189414.



This preview shows how white text looks on a background with the Android color 4279189414.

# 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**

4279189414

**Protanopia**

4278207890

**Deuteranopia**

4278209149



# Trichromacy



**Original Color**

4279189414

**Protanomaly**

4278535065

**Deuteranomaly**

4278535820

**Tritanomaly**

4278536818

# Monochromacy



**Original Color**

4279189414

**Achromatopsia**

4282137660

**Achromatomaly**

4281089379

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279189414 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(15, 63, 166)` looks like.

```
.text, #text, p{  
    color:rgb(15, 63, 166)  
}
```

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(15, 63, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 63, 166) }
```

## Border

The CSS property to change the border of an element to Android 4279189414 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(15, 63, 166) }
```

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

```
.border{ border-color:rgb(15, 63, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 63, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 63, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 63, 166);  
box-shadow:4px 4px 4px 4px rgb(15, 63,  
166) }
```

# Background

The CSS property to change the background color of an element to Android 4279189414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 63, 166) }
```

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

```
.background{ background-color: rgb(15, 63,  
166) }
```

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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