

# Converting Colors

Android(4279056322)

Have a look what the booklet for  
Android(4279056322) contains.

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# Color

**Android(4279056322)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D37C2
RGB	13, 55, 194
RGB Percent	5%, 22%, 76%
CMY	0.9490, 0.7843, 0.2392
CMYK	0.93, 0.72, 0.00, 0.24
HSL	226°, 87%, 41%
HSV	226°, 93%, 76%
XYZ	11.2698, 6.7130, 51.7407
YIQ	58.2880, -69.6510, 34.3250

# Conversions

## Conversions Part 2

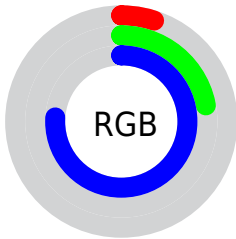
Format	Color
<a href="#">RYB</a>	<a href="#">13, 47, 194</a>
Decimal	<a href="#">866242</a>
CIELab	<a href="#">31.14, 42.43, -74.79</a>
CIELCh	<a href="#">31, 85.985, 299.568</a>
Yxy	<a href="#">6.7130, 0.1616, 0.0963</a>
Android (android.graphics.Color)	<a href="#">4279056322 (0xFF0D37C2)</a>
YUV	<a href="#">58.2880, 66.9060, -39.7176</a>
Hunter-Lab	<a href="#">25.9094, 32.3003, -100.2645</a>

# Details

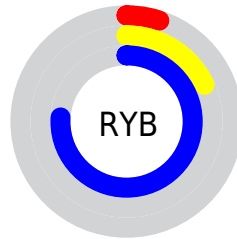
The Android color `4279056322` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4290942989`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4284901116`, and `4278193803` is the 20% darker color. If you saturate the color by 10%, you get `4278201794`, and if you desaturate by 10%, it is `4280305346`.

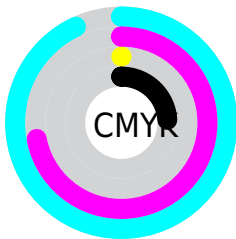
# Distribution



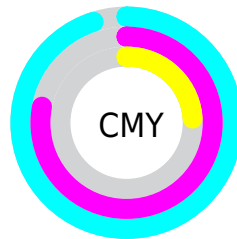
- Red (5%)
- Green (22%)
- Blue (76%)



- Red (5%)
- Yellow (18%)
- Blue (76%)



- Cyan (93%)
- Magenta (72%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (78%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279056322 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 4279056322 by changing the saturation by 10% instead.



 4279056322

 4279056322

4294967295

 4278198694

 4284901116

 4278193803

 4287004927

 4278190193

 4289043199

 4278192471

 4291016191

 4278191679

 4293054719

 4278190888

 4294962687

 4278190353

 4278190080

 4279056322

 4279056322

■ 4278201794

■ 4280305346

■ 4281619906

■ 4282868930

■ 4284183490

■ 4285432258

■ 4286681282

■ 4287995842

■ 4289244866

■ 4290559426

# Harmonies

## Analogous

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



4278212053



4279056322



4287824015

# Triad

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



4279056322



4287439104



4278214727

# Complementary

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



4279056322



4290942989

# 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.



4278213888



4279056322



4284172032

# Square

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



4279056322



4289593356



4278212352



4278215307

# Rectangle

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



4279056322



4289593444



4278212352



4278214446



# Sweetspot

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



4279056322



4290168572



4279091864



4283719296



4278190080



4286611584



# Same Dimension

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



4279056322



4278205436



4282191298



4283914593



4278199713



4278192161



# Inverse Universe

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



4290907447



4294705211



4287808013



4284569433



4288741413

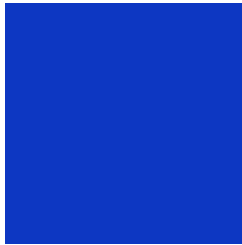


4280352776



# Previews

## White Background



This preview shows how the Android color 4279056322 looks on a white background.

## Color Contrast Check

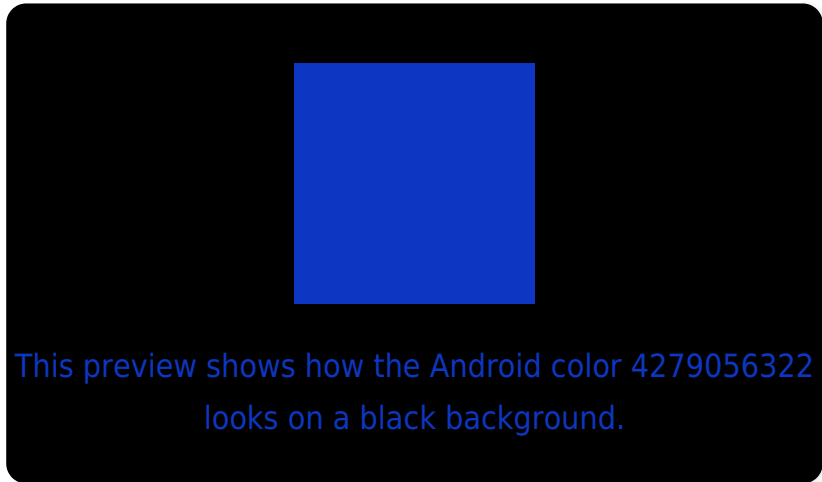
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279056322 Background



This preview shows how black text looks on a background with the Android color 4279056322.



This preview shows how white text looks on a background with the Android color 4279056322.

# 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**

4279056322

**Protanopia**

4278208405

**Deuteranopia**

4278209407



# Trichromacy



**Original Color**  
4279056322

**Protanomaly**  
4278534565

**Deuteranomaly**  
4278535319

**Tritanomaly**  
4278536317

# Monochromacy



**Original Color**  
4279056322

**Achromatopsia**  
4282006074

**Achromatomaly**  
4280957291

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279056322 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(13, 55, 194)` looks like.

```
.text, #text, p{  
    color:rgb(13, 55, 194)  
}
```

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(13, 55, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 55, 194) }
```

## Border

The CSS property to change the border of an element to Android 4279056322 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(13, 55, 194) }
```

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

```
.border{ border-color:rgb(13, 55, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 55, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 55, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 55, 194);  
box-shadow:4px 4px 4px 4px rgb(13, 55,  
194) }
```

# Background

The CSS property to change the background color of an element to Android 4279056322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 55, 194) }
```

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

```
.background{ background-color: rgb(13, 55,  
194) }
```

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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