

# Converting Colors

Android(4279055041)

Have a look what the booklet for  
Android(4279055041) contains.

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# Color

**Android(4279055041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D32C1
RGB	13, 50, 193
RGB Percent	5%, 20%, 76%
CMY	0.9490, 0.8039, 0.2431
CMYK	0.93, 0.74, 0.00, 0.24
HSL	228°, 87%, 40%
HSV	228°, 93%, 76%
XYZ	10.9322, 6.2170, 51.0759
YIQ	55.2390, -67.9550, 36.6290

# Conversions

## Conversions Part 2

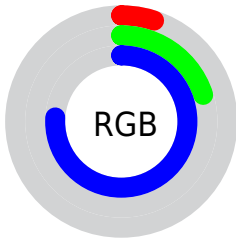
<b>Format</b>	<b>Color</b>
<b>RYB</b>	13, 44, 193
Decimal	864961
CIELab	29.95, 45.09, -76.17
CIELCh	30, 88.512, 300.622
Yxy	6.2170, 0.1602, 0.0911
Android (android.graphics.Color)	4279055041 (0xFF0D32C1)
YUV	55.2390, 67.9162, -37.0436
Hunter-Lab	24.9340, 34.6283, -103.9986

# Details

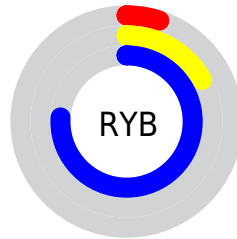
The Android color `4279055041` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4290878477`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4284899835`, and `4278192266` is the 20% darker color. If you saturate the color by 10%, you get `4278200513`, and if you desaturate by 10%, it is `4280304065`.

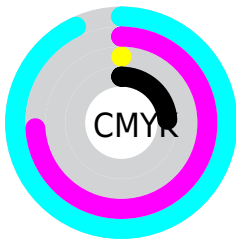
# Distribution



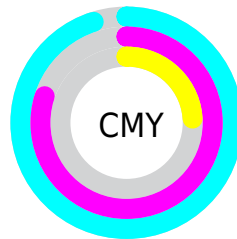
- Red (5%)
- Green (20%)
- Blue (76%)



- Red (5%)
- Yellow (17%)
- Blue (76%)



- Cyan (93%)
- Magenta (74%)
- Yellow (0%)
- Black (24%)



- Cyan (95%)
- Magenta (80%)
- Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279055041 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 4279055041 by changing the saturation by 10% instead.



 4279055041

 4279055041

4294967295

 4278197413

 4284899835


 4278192266

 4287003391

 4278190192

 4289041663

 4278192982

 4291080191

 4278191678

 4293118975

 4278190887

 4294961151

 4278190352

 4278190080

 4279055041

 4279055041

■ 4278200513

■ 4280304065

■ 4281618881

■ 4282867905

■ 4284116929

■ 4285431745

■ 4286680769

■ 4287929793

■ 4289179073

■ 4290493633

# Harmonies

## Analogous

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



4278211286



4279055041



4287824012

# Triad

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



4279055041



4287176192



4278213958

# Complementary

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



4279055041



4290878477

# 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.



4278213376



4279055041



4283843840

# Square

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



4279055041



4289462275



4278211840



4278214541

# Rectangle

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



4279055041



4289593439



4278211840



4278213678



# Sweetspot

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



4279055041



4290036474



4279091610



4283587453



4294769916



4286414205



# Same Dimension

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



4279055041



4278203386



4282387905



4283914593



4278198689



4278191905



# Inverse Universe

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



4290841906



4294574131



4287545613



4284569433



4288741409

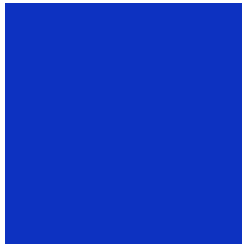


4280352775



# Previews

## White Background



This preview shows how the Android color 4279055041 looks on a white background.

## Color Contrast Check

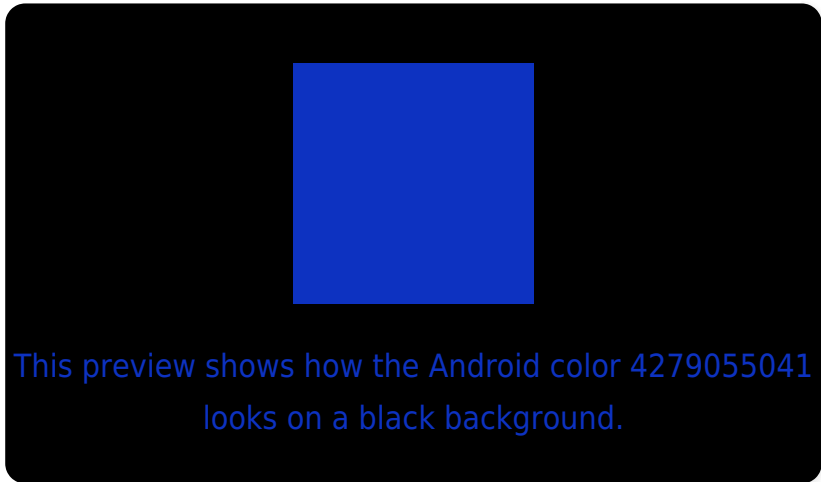
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279055041 Background



This preview shows how black text looks on a background with the Android color 4279055041.



This preview shows how white text looks on a background with the Android color 4279055041.

# 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**

4279055041

**Protanopia**

4278207631

**Deuteranopia**

4278208890



# Trichromacy



**Original Color**  
4279055041

**Protanomaly**  
4278533537

**Deuteranomaly**  
4278534548

**Tritanomaly**  
4278535290

# Monochromacy



**Original Color**  
4279055041

**Achromatopsia**  
4281808695

**Achromatomaly**  
4280825193

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279055041 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, 50, 193)` looks like.

```
.text, #text, p{  
    color:rgb(13, 50, 193)  
}
```

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, 50, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 50, 193) }
```

## Border

The CSS property to change the border of an element to Android 4279055041 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, 50, 193) }
```

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

```
.border{ border-color:rgb(13, 50, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(13, 50, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 50, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 50, 193);  
box-shadow:4px 4px 4px 4px rgb(13, 50,  
193) }
```

# Background

The CSS property to change the background color of an element to Android 4279055041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 50, 193) }
```

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

```
.background{ background-color: rgb(13, 50,  
193) }
```

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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