

# Converting Colors

Android(4279057610)

Have a look what the booklet for  
Android(4279057610) contains.

<b>Android(4279057610)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Android(4279057610)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D3CCA
RGB	13, 60, 202
RGB Percent	5%, 24%, 79%
CMY	0.9490, 0.7647, 0.2078
CMYK	0.94, 0.70, 0.00, 0.21
HSL	225°, 88%, 42%
HSV	225°, 94%, 79%
XYZ	12.4425, 7.5816, 56.6847
YIQ	62.1350, -73.5940, 34.1980

# Conversions

## Conversions Part 2

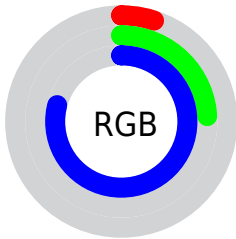
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	13, 51, 202
Decimal	867530
CIE Lab	33.10, 42.26, -76.24
CIE LCh	33, 87.171, 298.998
Yxy	7.5816, 0.1622, 0.0988
Android (android.graphics.Color)	4279057610 (0xFF0D3CCA)
YUV	62.1350, 68.9534, -43.0914
Hunter-Lab	27.5346, 32.4761, -102.7844

# Details

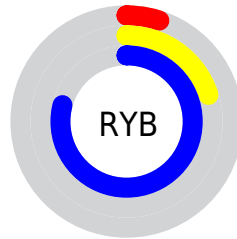
The Android color `4279057610` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291468045`, and the grayscale version is `4282269246`.

A 20% lighter version of the original color is `4285033727`, and `4278195090` is the 20% darker color. If you saturate the color by 10%, you get `4278203082`, and if you desaturate by 10%, it is `4280372170`.

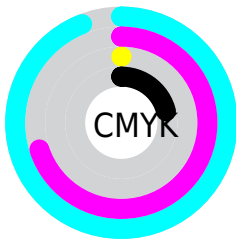
# Distribution



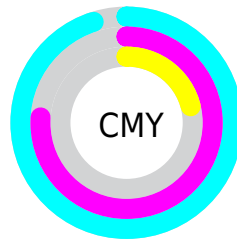
- Red (5%)
- Green (24%)
- Blue (79%)



- Red (5%)
- Yellow (20%)
- Blue (79%)



- Cyan (94%)
- Magenta (70%)
- Yellow (0%)
- Black (21%)



- Cyan (95%)
- Magenta (76%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279057610 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 4279057610 by changing the saturation by 10% instead.



 4279057610

 4279057610

4294967295

 4278199982

 4285033727

 4278195090

 4287137279

 4278190200

 4289175551

 4278191454

 4291214079

 4278192197

 4293252863

 4278191150

 4294964223

 4278190360

 4278190080

 4279057610

 4279057610

■ 4278203082

■ 4280372170

■ 4281686730

■ 4283067082

■ 4284381642

■ 4285696202

■ 4287010762

■ 4288325322

■ 4289705418

■ 4291020234

# Harmonies

## Analogous

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



4278213340



4279057610



4288151703

# Triad

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



4279057610



4287964160



4278216010

# Complementary

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



4279057610



4291468045

# 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.



4278215424



4279057610



4284631808

# Square

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



4279057610



4290117649



4278868992



4278216592

# Rectangle

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



4279057610



4290052202



4278868992



4278215985



# Sweetspot

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



4279057610



4290300415



4279093915



4283719552



4278190080



4286611584



# Same Dimension

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



4279057610



4278206463



4282125770



4284243558



4278200742



4278192678



# Inverse Universe

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



4291431740



4294901823



4288399885



4284898398



4289069097

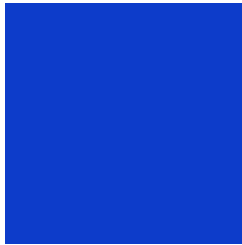


4280680458



# Previews

## White Background



This preview shows how the Android color 4279057610 looks on a white background.

## Color Contrast Check

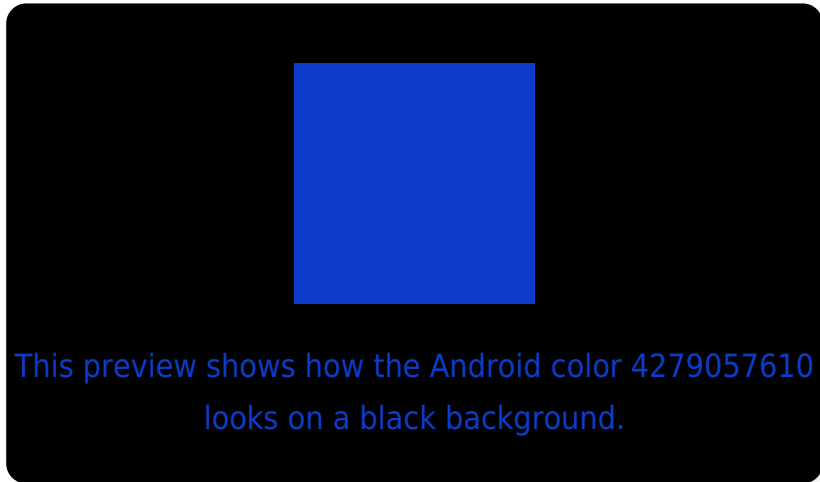
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279057610 Background



This preview shows how black text looks on a background with the Android color 4279057610.



This preview shows how white text looks on a background with the Android color 4279057610.

# 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**  
4279057610

**Protanopia**  
4278209438

**Deuteranopia**  
4278210694



# Trichromacy



**Original Color**  
4279057610

**Protanomaly**  
4278535854

**Deuteranomaly**  
4278536607

**Tritanomaly**  
4278537603

# Monochromacy



**Original Color**  
4279057610

**Achromatopsia**  
4282269246

**Achromatomaly**  
4281089393

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279057610 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, 60, 202)` looks like.

```
.text, #text, p{  
    color:rgb(13, 60, 202)  
}
```

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, 60, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 60, 202) }
```

## Border

The CSS property to change the border of an element to Android 4279057610 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, 60, 202) }
```

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

```
.border{ border-color:rgb(13, 60, 202) }
```

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

Here you see how a box with a 4 pixel rgb(13, 60, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 60, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 60, 202);  
box-shadow:4px 4px 4px 4px rgb(13, 60,  
202) }
```

# Background

The CSS property to change the background color of an element to Android 4279057610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 60, 202) }
```

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

```
.background{ background-color: rgb(13, 60,  
202) }
```

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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