

# Converting Colors

Android(4279052003)

Have a look what the booklet for  
Android(4279052003) contains.

<b>Android(4279052003)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4279052003)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0D26E3
RGB	13, 38, 227
RGB Percent	5%, 15%, 89%
CMY	0.9490, 0.8510, 0.1098
CMYK	0.94, 0.83, 0.00, 0.11
HSL	233°, 89%, 47%
HSV	233°, 94%, 89%
XYZ	14.7242, 7.0178, 73.2516
YIQ	52.0710, -75.5690, 53.4790

# Conversions

## Conversions Part 2

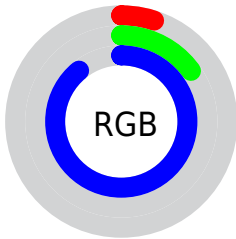
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">13, 35, 227</a>
Decimal	<a href="#">861923</a>
CIELab	<a href="#">31.85, 62.30, -92.75</a>
CIELCh	<a href="#">32, 111.730, 303.887</a>
Yxy	<a href="#">7.0178, 0.1550, 0.0739</a>
Android (android.graphics.Color)	<a href="#">4279052003 (0xFF0D26E3)</a>
YUV	<a href="#">52.0710, 86.2400, -34.2653</a>
Hunter-Lab	<a href="#">26.4912, 52.8534, -145.4005</a>

# Details

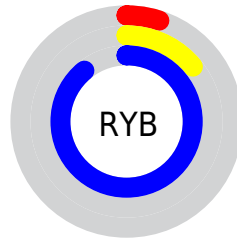
The Android color `4279052003` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4293118477`, and the grayscale version is `4281545523`.

A 20% lighter version of the original color is `4285618431`, and `4278190250` is the 20% darker color. If you saturate the color by 10%, you get `4278197219`, and if you desaturate by 10%, it is `4280564451`.

# Distribution



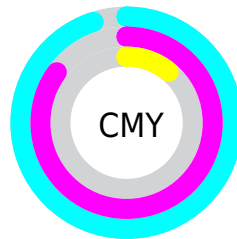
- Red (5%)
- Green (15%)
- Blue (89%)



- Red (5%)
- Yellow (14%)
- Blue (89%)



- Cyan (94%)
- Magenta (83%)
- Yellow (0%)
- Black (11%)



- Cyan (95%)
- Magenta (85%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279052003 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 4279052003 by changing the saturation by 10% instead.



 4279052003

 4279052003

4294967295

 4278192838

 4285618431

 4278190250

 4287853311

 4278190222

 4290022911

 4278190452

 4292126975

 4278193498

 4294231295

 4278191937

 4294959359

 4278190890

 4294966783

 4278190356

 4278190080

■ 4279052003

■ 4279052003

■ 4278197219

■ 4280564451

■ 4282011363

■ 4283523811

■ 4285036259

■ 4286483171

■ 4287995619

■ 4289508067

■ 4291020515

■ 4292467427

# Harmonies

## Analogous

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



4278213119



4279052003



4289855643

# Triad

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



4279052003



4287961088



4278216021

# Complementary

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



4279052003



4293118477

# 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.



4278215168



4279052003



4283583744

# Square

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



4279052003



4291035136



4278213888



4278216878

# Rectangle

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



4279052003



4291756129



4278213888



4278215734



# Sweetspot

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



4279052003



4290298111



4279100358



4283718016



4278190080



4286611584



# Same Dimension

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



4279052003



4278198015



4284157411



4284967283



4278195635



4278191667



# Inverse Universe

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



4293070118



4294901790



4288013069



4285753193



4289921045

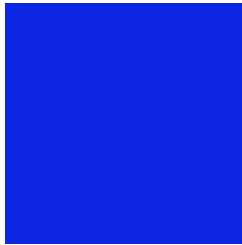


4281532422



# Previews

## White Background



This preview shows how the Android color 4279052003 looks on a white background.

## Color Contrast Check

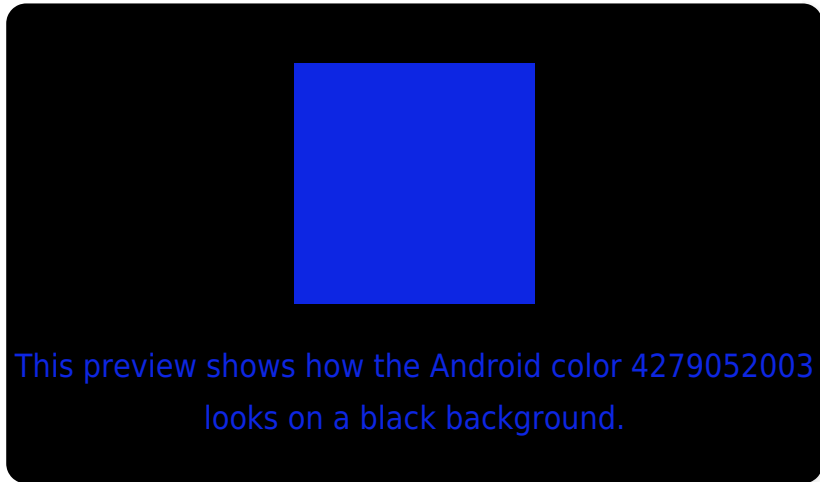
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279052003 Background



This preview shows how black text looks on a background with the Android color 4279052003.



This preview shows how white text looks on a background with the Android color 4279052003.

# 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**  
4279052003

**Protanopia**  
4278208663

**Deuteranopia**  
4278209920



# Trichromacy



**Original Color**  
4279052003

**Protanomaly**  
4278533299

**Deuteranomaly**  
4278534052

**Tritanomaly**  
4278535050

# Monochromacy



**Original Color**  
4279052003

**Achromatopsia**  
4281611316

**Achromatomaly**  
4280692596

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279052003 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, 38, 227)` looks like.

```
.text, #text, p{  
    color:rgb(13, 38, 227)  
}
```

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, 38, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(13, 38, 227) }
```

## Border

The CSS property to change the border of an element to Android 4279052003 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, 38, 227) }
```

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

```
.border{ border-color:rgb(13, 38, 227) }
```

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

Here you see how a box with a 4 pixel rgb(13, 38, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(13, 38, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(13, 38, 227);  
box-shadow:4px 4px 4px 4px rgb(13, 38,  
227) }
```

# Background

The CSS property to change the background color of an element to Android 4279052003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(13, 38, 227) }
```

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

```
.background{ background-color: rgb(13, 38,  
227) }
```

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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