

# Converting Colors

Android(4279250811)

Have a look what the booklet for  
Android(4279250811) contains.

<b>Android(4279250811)</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(4279250811)**

# Conversions

## Conversions Part 1

Format	Color
Hex	102F7B
RGB	16, 47, 123
RGB Percent	6%, 18%, 48%
CMY	0.9373, 0.8157, 0.5176
CMYK	0.87, 0.62, 0.00, 0.52
HSL	223°, 77%, 27%
HSV	223°, 87%, 48%
XYZ	4.8054, 3.5732, 19.1753
YIQ	46.3950, -42.8720, 17.0640

# Conversions

## Conversions Part 2

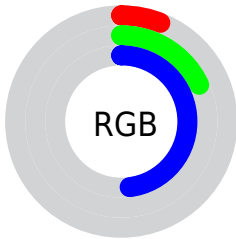
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 40, 123
Decimal	1060731
CIE <sub>Lab</sub>	22.21, 20.20, -46.23
CIE <sub>LCh</sub>	22, 50.450, 293.600
Yxy	3.5732, 0.1744, 0.1297
Android (android.graphics.Color)	4279250811 (0xFF102F7B)
YUV	46.3950, 37.7663, -26.6564
Hunter-Lab	18.9030, 12.2963, -46.9119

# Details

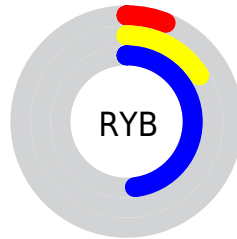
The Android color `4279250811` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4286274576`, and the grayscale version is `4281216558`.

A 20% lighter version of the original color is `4283522224`, and `4278190409` is the 20% darker color. If you saturate the color by 10%, you get `4278462075`, and if you desaturate by 10%, it is `4280039547`.

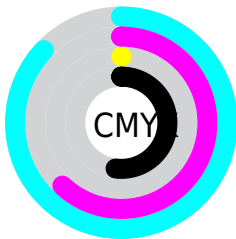
# Distribution



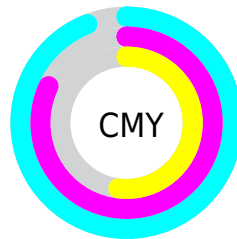
- Red (6%)
- Green (18%)
- Blue (48%)



- Red (6%)
- Yellow (16%)
- Blue (48%)



- Cyan (87%)
- Magenta (62%)
- Yellow (0%)
- Black (52%)



- Cyan (94%)
- Magenta (82%)
- Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279250811 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 4279250811 by changing the saturation by 10% instead.





4279250811



4279250811

4294967295



4278197090



4283522224



4278190409



4285363660



4278191154



4287205096



4278190364



4289047039



4278190080



4290954495



4292862207



4294770175



4279250811



4279250811

■ 4278462075

■ 4280039547

■ 4278199419

■ 4280893563

■ 4281682299

■ 4282471035

■ 4283325307

■ 4284113787

■ 4284902523

■ 4285691259

■ 4286545531

# Harmonies

## Analogous

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



4278205825



4279250811



4283962978

# Triad

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



4279250811



4284751360



4278207532

# Complementary

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



4279250811



4286274576

# 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.



4278206720



4279250811



4282986752

# Square

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



4279250811



4285661210



4280695808



4278207570

# Rectangle

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



4279250811



4285268043



4280695808



4278207262



# Sweetspot

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



4279250811



4286022561



4279270235



4281876562



4291940817



4283585106



# Same Dimension

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



4279250811



4278202273



4280619131



4281809213



4278199421



4278209020



# Inverse Universe

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



4286255151



4288741423



4284906256



4282201913



4286382116



4294705225



# Previews

## White Background



This preview shows how the Android color 4279250811 looks on a white background.

## Color Contrast Check

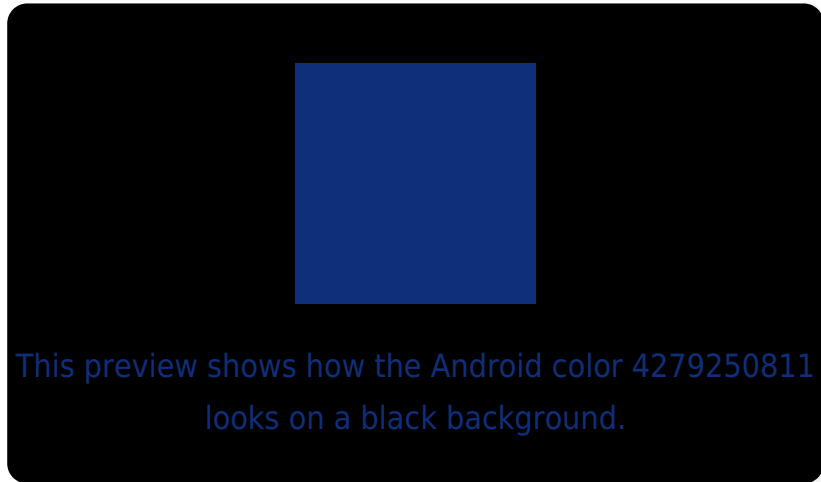
Large Text (above 18pt) WCAG AA ✓ Pass

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

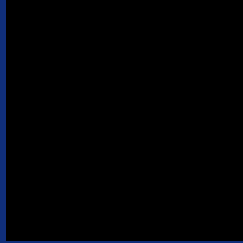
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4279250811 Background



This preview shows how black text looks on a background with the Android color 4279250811.



This preview shows how white text looks on a background with the Android color 4279250811.

# 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**  
4279250811

**Protanopia**  
4278203501

**Deuteranopia**  
4278204253



# Trichromacy



**Original Color**  
4279250811

**Protanomaly**  
4278596210

**Deuteranomaly**  
4278596712

**Tritanomaly**  
4278597461

# Monochromacy



**Original Color**  
4279250811

**Achromatopsia**  
4281216558

**Achromatomaly**  
4280495690

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279250811 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(16, 47, 123)` looks like.

```
.text, #text, p{  
    color:rgb(16, 47, 123)  
}
```

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(16, 47, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 47, 123) }
```

## Border

The CSS property to change the border of an element to Android 4279250811 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(16, 47, 123) }
```

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

```
.border{ border-color:rgb(16, 47, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 47, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 47, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 47, 123);  
box-shadow:4px 4px 4px 4px rgb(16, 47,  
123) }
```

# Background

The CSS property to change the background color of an element to Android 4279250811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 47, 123) }
```

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

```
.background{ background-color: rgb(16, 47,  
123) }
```

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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