

Converting Colors

Android(4279587238)

Have a look what the booklet for
Android(4279587238) contains.

Android(4279587238)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Android(4279587238)

Conversions

Conversions Part 1

Format	Color
Hex	1551A6
RGB	21, 81, 166
RGB Percent	8%, 32%, 65%
CMY	0.9176, 0.6824, 0.3490
CMYK	0.87, 0.51, 0.00, 0.35
HSL	215°, 78%, 37%
HSV	215°, 87%, 65%
XYZ	10.1346, 8.7975, 37.2403
YIQ	72.7500, -63.0450, 13.7150

Conversions

Conversions Part 2

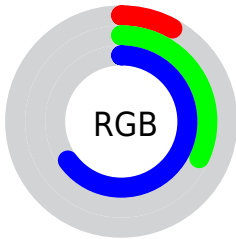
Format	Color
R_{YB}	21, 63, 166
Decimal	1397158
CIE _{Lab}	35.59, 14.72, -50.92
CIE _{LCh}	36, 53.001, 286.125
Yxy	8.7975, 0.1804, 0.1566
Android (android.graphics.Color)	4279587238 (0xFF1551A6)
YUV	72.7500, 45.9723, -45.3847
Hunter-Lab	29.6605, 9.0853, -53.6793

Details

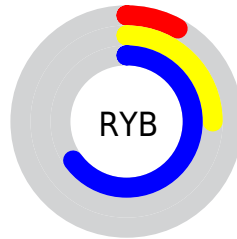
The Android color `4279587238` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289096213`, and the grayscale version is `4282927176`.

A 20% lighter version of the original color is `4284383966`, and `4278199921` is the 20% darker color. If you saturate the color by 10%, you get `4278470566`, and if you desaturate by 10%, it is `4280703910`.

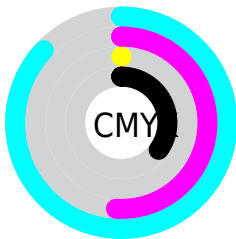
Distribution



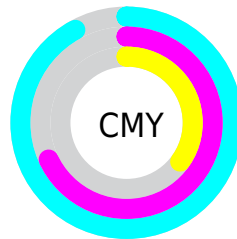
- Red (8%)
- Green (32%)
- Blue (65%)



- Red (8%)
- Yellow (25%)
- Blue (65%)



- Cyan (87%)
- Magenta (51%)
- Yellow (0%)
- Black (35%)



- Cyan (92%)
- Magenta (68%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279587238 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 4279587238 by changing the saturation by 10% instead.

 4279587238

 4279587238

4294967295

 4278205323

 4284383966

 4278199921

 4286356475

 4278194776

 4288263935

 4278191936

 4290171647

 4278190889

 4292144895

 4278190355

 4294115327

 4278190080

 4279587238

 4279587238

 4278470566

 4280703910

■ 4278207910

■ 4281754790

■ 4282871462

■ 4283922598

■ 4285039270

■ 4286155686

■ 4287206822

■ 4288323494

■ 4289374630

Harmonies

Analogous

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



4278214311



4279587238



4285611151

Triad

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



4279587238



4287706902



4278215998

Complementary

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



4279587238



4289096213

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.



4279787792



4279587238



4285942528

Square

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



4279587238



4288553791



4283521280



4278216298

Rectangle

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



4279587238



4287376759



4283521280



4278215727

Sweetspot

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



4279587238



4288723161



4279608938



4283193966



4293783021



4285427310

Same Dimension

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



4279587238



4278213337



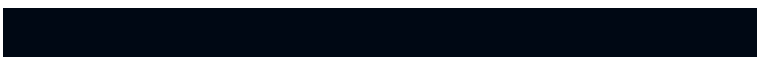
4280358310



4283191124



4278205844



4278192148

Inverse Universe

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



4289074513



4292411482



4288325141



4283714639



4287889469



4279500808

Previews

White Background



This preview shows how the Android color 4279587238 looks on a white background.

Color Contrast Check

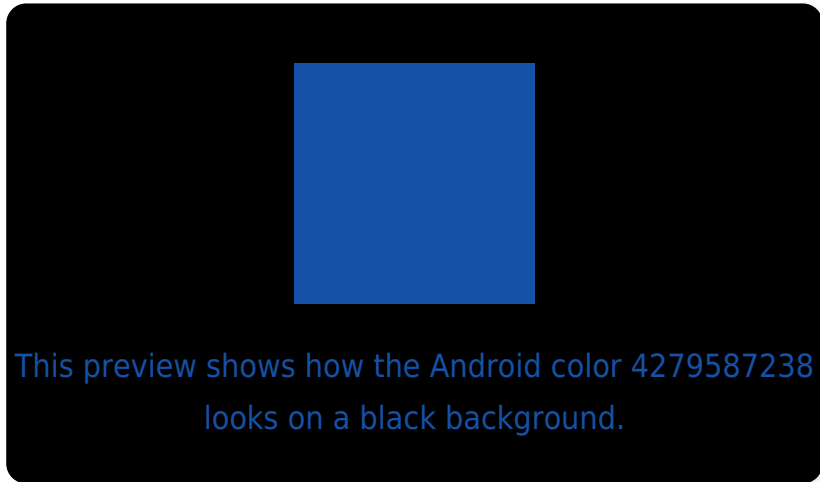
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279587238 Background



This preview shows how black text looks on a background with the Android color 4279587238.



This preview shows how white text looks on a background with the Android color 4279587238.

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
4279587238

Protanopia
4280045990

Tritanopia
4278213987

Trichromacy



Original Color

4279587238

Protanomaly

4279849382

Tritanomaly

4278737275

Monochromacy



Original Color

4279587238

Achromatopsia

4282992969

Achromatomaly

4281748587

CSS Examples

Text

The CSS property to change the color of the text to Android 4279587238 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(21, 81, 166)` looks like.

```
.text, #text, p{  
    color:rgb(21, 81, 166)  
}
```

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(21, 81, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 81, 166) }
```

Border

The CSS property to change the border of an element to Android 4279587238 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(21, 81, 166) }
```

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

```
.border{ border-color:rgb(21, 81, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 81, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 81, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 81, 166);  
box-shadow:4px 4px 4px 4px rgb(21, 81,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4279587238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 81, 166) }
```

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

```
.background{ background-color: rgb(21, 81,  
166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor