

Converting Colors

Android(4279990230)

Have a look what the booklet for
Android(4279990230) contains.

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Color

Android(4279990230)

Conversions

Conversions Part 1

Format	Color
Hex	1B77D6
RGB	27, 119, 214
RGB Percent	11%, 47%, 84%
CMY	0.8941, 0.5333, 0.1608
CMYK	0.87, 0.44, 0.00, 0.16
HSL	210°, 78%, 47%
HSV	210°, 87%, 84%
XYZ	19.1864, 18.2817, 66.1358
YIQ	102.3220, -85.3270, 10.0410

Conversions

Conversions Part 2

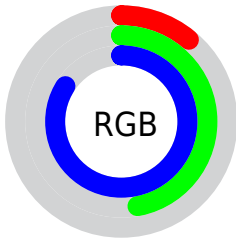
Format	Color
RYB	27, 89, 214
Decimal	1800150
CIELab	49.84, 9.53, -55.87
CIELCh	50, 56.674, 279.681
Yxy	18.2817, 0.1852, 0.1765
Android (android.graphics.Color)	4279990230 (0xFF1B77D6)
YUV	102.3220, 55.0573, -66.0574
Hunter-Lab	42.7571, 5.2735, -61.7786

Details

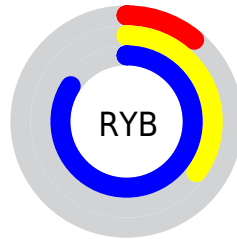
The Android color `4279990230` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292246043`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4285311999`, and `4278208670` is the 20% darker color. If you saturate the color by 10%, you get `4278611158`, and if you desaturate by 10%, it is `4281369302`.

Distribution



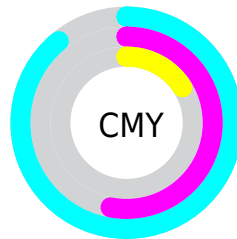
- Red (11%)
- Green (47%)
- Blue (84%)



- Red (11%)
- Yellow (35%)
- Blue (84%)



- Cyan (87%)
- Magenta (44%)
- Yellow (0%)
- Black (16%)



- Cyan (89%)
- Magenta (53%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279990230 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 4279990230 by changing the saturation by 10% instead.

 4279990230

 4279990230

4294967295

 4278214586

 4285311999

 4278208670

 4287350527

 4278203012

 4289389311

 4278198122

 4291428095

 4278191185

 4293394431

 4278191417

 4278190627

 4278190089

 4278190080

■ 4279990230

■ 4279990230

■ 4278611158

■ 4281369302

■ 4278217174

■ 4282813910

■ 4284192982

■ 4285637334

■ 4287016406

■ 4288395478

■ 4289840086

■ 4291219158

■ 4292663766

Harmonies

Analogous

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



4278224337



4279990230



4287390657

Triad

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



4279990230



4291056443



4278225747

Complementary

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



4279990230



4292246043

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.



4283139365



4279990230



4289226770

Square

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



4279990230



4291642985



4286609664



4278226309

Rectangle

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



4279990230



4289746088



4286609664



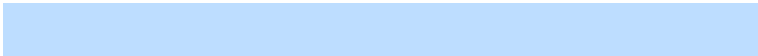
4278225219

Sweetspot

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



4279990230



4290633215



4280014457



4283984768



4278190080



4286611584

Same Dimension

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



4279990230



4278222335



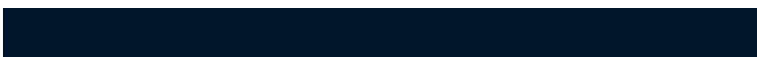
4279966678



4284507755



4278211755



4278195499

Inverse Universe

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



4292221815



4294901885



4292269595



4285227110



4289396820



4281008149

Previews

White Background



This preview shows how the Android color 4279990230 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 × Fail

Black Background



This preview shows how the Android color 4279990230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

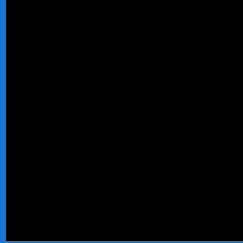
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

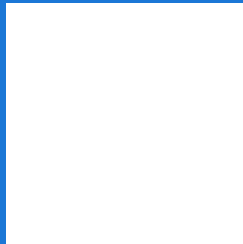
Any Text WCAG AAA × Fail

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

Android 4279990230 Background



This preview shows how black text looks on a background with the Android color 4279990230.



This preview shows how white text looks on a background with the Android color 4279990230.

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



Trichromacy



Original Color
4279990230

Protanomaly
4281890003

Deuteranomaly
4278876373

Tritanomaly
4278878119

Monochromacy



Original Color
4279990230

Achromatopsia
4284900966

Achromatomaly
4283133071

CSS Examples

Text

The CSS property to change the color of the text to Android 4279990230 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(27, 119, 214)` looks like.

```
.text, #text, p{  
    color:rgb(27, 119, 214)  
}
```

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(27, 119, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 119, 214) }
```

Border

The CSS property to change the border of an element to Android 4279990230 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(27, 119, 214) }
```

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

```
.border{ border-color:rgb(27, 119, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 119, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 119, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 119, 214);  
box-shadow:4px 4px 4px 4px rgb(27, 119,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4279990230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 119, 214) }
```

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

```
.background{ background-color: rgb(27, 119,  
214) }
```

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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