

Converting Colors

Android(4280120229)

Have a look what the booklet for
Android(4280120229) contains.

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Color

Android(4280120229)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1D73A5 |
| RGB | 29, 115, 165 |
| RGB Percent | 11%, 45%, 65% |
| CMY | 0.8863, 0.5490, 0.3529 |
| CMYK | 0.82, 0.30, 0.00, 0.35 |
| HSL | 202°, 70%, 38% |
| HSV | 202°, 82%, 65% |
| XYZ | 13.4290, 15.2393, 37.8310 |
| YIQ | 94.9860, -67.3060, -2.6820 |

Conversions

Conversions Part 2

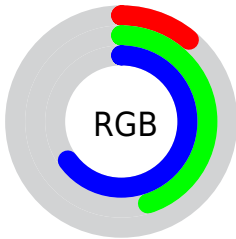
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 29, 82, 165 |
| Decimal | 1930149 |
| CIE Lab | 45.96, -6.65, -33.77 |
| CIE LCh | 46, 34.423, 258.858 |
| Yxy | 15.2393, 0.2019, 0.2292 |
| Android (android.graphics.Color) | 4280120229 (0xFF1D73A5) |
| YUV | 94.9860, 34.5169, -57.8697 |
| Hunter-Lab | 39.0375, -6.9115, -30.1313 |

Details

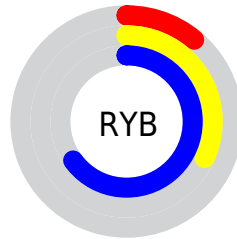
The Android color `4280120229` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289023773`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4284590044`, and `4278207345` is the 20% darker color. If you saturate the color by 10%, you get `4279070117`, and if you desaturate by 10%, it is `4281170341`.

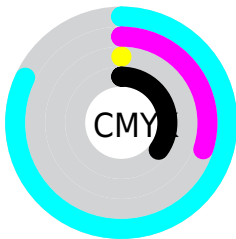
Distribution



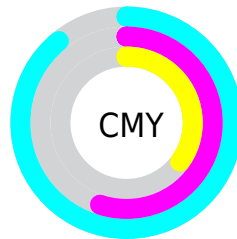
- Red (11%)
- Green (45%)
- Blue (65%)



- Red (11%)
- Yellow (32%)
- Blue (65%)



- Cyan (82%)
- Magenta (30%)
- Yellow (0%)
- Black (35%)



- Cyan (89%)
- Magenta (55%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280120229 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 4280120229 by changing the saturation by 10% instead.



4280120229



4280120229

4294967295



4278213514



4284590044



4278207345



4286497529



4278201688



4288405247



4278196544



4290378495



4278190890



4292280319



4278190356



4294246399



4278190080



4280120229



4280120229



4279070117



4281170341

■ 4278216869

■ 4282285989

■ 4283401637

■ 4284451749

■ 4285501861

■ 4286617509

■ 4287667621

■ 4288783525

■ 4289833637

Harmonies

Analogous

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



4278221207



4280120229



4284377507

Triad

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



4280120229



4288960092



4283135814

Complementary

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



4280120229



4289023773

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.



4285296948



4280120229



4288372035

Square

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



4280120229



4288501369



4287129395



4279925601

Rectangle

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



4280120229



4286276250



4287129395



4283921982

Sweetspot

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



4280120229



4288791510



4280132943



4283129707



4293651435



4285229931

Same Dimension

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



4280120229



4278356182



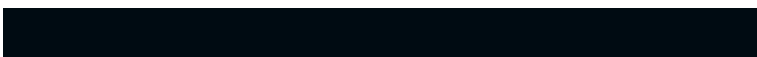
4280102821



4282994514



4278213777



4278192914

Inverse Universe

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



4289011059



4292215432



4289041181



4283582799



4287692892



4279369739

Previews

White Background



This preview shows how the Android color 4280120229 looks on a white background.

Color Contrast Check

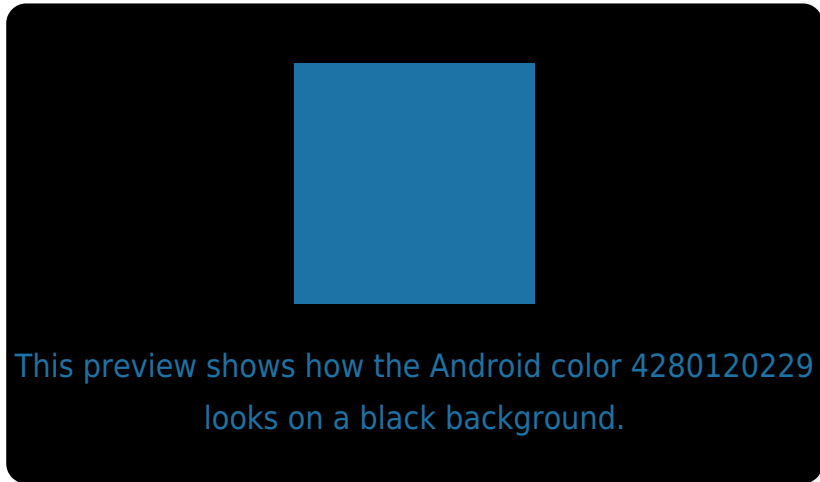
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

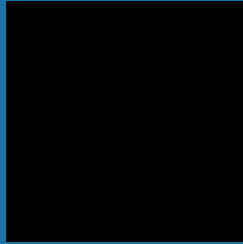
Any Text WCAG AA × Fail

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 4280120229 Background



This preview shows how black text looks on a background with the Android color 4280120229.



This preview shows how white text looks on a background with the Android color 4280120229.

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
4280120229

Protanomaly
4282674849

Deuteranomaly
4282216358

Tritanomaly
4278941327

Monochromacy



Original Color
4280120229

Achromatopsia
4284440415

Achromatomaly
4282869368

CSS Examples

Text

The CSS property to change the color of the text to Android 4280120229 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(29, 115, 165)` looks like.

```
.text, #text, p{  
    color:rgb(29, 115, 165)  
}
```

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(29, 115, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 115, 165) }
```

Border

The CSS property to change the border of an element to Android 4280120229 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(29, 115, 165) }
```

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

```
.border{ border-color:rgb(29, 115, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 115, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 115, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 115, 165);  
box-shadow:4px 4px 4px 4px rgb(29, 115,  
165) }
```

Background

The CSS property to change the background color of an element to Android 4280120229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 115, 165) }
```

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

```
.background{ background-color: rgb(29, 115,  
165) }
```

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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