

Converting Colors

Android(4280055216)

Have a look what the booklet for
Android(4280055216) contains.

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Color

Android(4280055216)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1C75B0 |
| RGB | 28, 117, 176 |
| RGB Percent | 11%, 46%, 69% |
| CMY | 0.8902, 0.5412, 0.3098 |
| CMYK | 0.84, 0.34, 0.00, 0.31 |
| HSL | 204°, 73%, 40% |
| HSV | 204°, 84%, 69% |
| XYZ | 14.6767, 16.1040, 43.4091 |
| YIQ | 97.1150, -71.9830, -0.5190 |

Conversions

Conversions Part 2

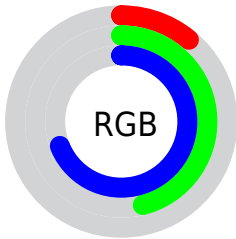
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 28, 84, 176 |
| Decimal | 1865136 |
| CIE Lab | 47.11, -3.78, -38.39 |
| CIE LCh | 47, 38.573, 264.372 |
| Yxy | 16.1040, 0.1978, 0.2171 |
| Android (android.graphics.Color) | 4280055216 (0xFF1C75B0) |
| YUV | 97.1150, 38.8903, -60.6139 |
| Hunter-Lab | 40.1298, -4.9446, -36.0441 |

Details

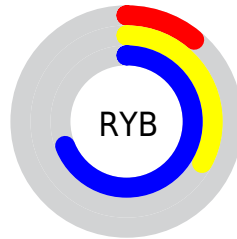
The Android color `4280055216` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4289746716`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284721640`, and `4278207867` is the 20% darker color. If you saturate the color by 10%, you get `4278873776`, and if you desaturate by 10%, it is `4281236656`.

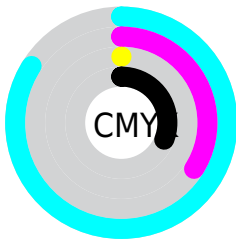
Distribution



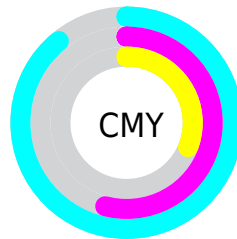
- Red (11%)
- Green (46%)
- Blue (69%)



- Red (11%)
- Yellow (33%)
- Blue (69%)



- Cyan (84%)
- Magenta (34%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (54%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280055216 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 4280055216 by changing the saturation by 10% instead.

 4280055216

 4280055216

4294967295

 4278214037

 4284721640

 4278207867

 4286694655

 4278202210

 4288602367

 4278197066

 4290575615

 4278191155

 4292542463

 4278190621

 4294508543

 4278190080

 4280055216

 4280055216

 4278873776

 4281236656

■ 4278217392

■ 4282352560

■ 4283534000

■ 4284649904

■ 4285831344

■ 4287012784

■ 4288128688

■ 4289310128

■ 4290426032

Harmonies

Analogous

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



4278221988



4280055216



4285033131

Triad

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



4280055216



4289484375



4282481736

Complementary

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



4280055216



4289746716

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.



4285036082



4280055216



4288700476

Square

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



4280055216



4289222007



4287130669



4278222952

Rectangle

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



4280055216



4286996894



4287130669



4283398976

Sweetspot

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



4280055216



4289515494



4280070229



4283458931



4294111986



4285756275

Same Dimension

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



4280055216



4278225638



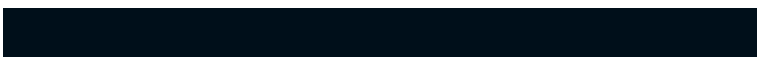
4280036784



4283455065



4278213785



4278193946

Inverse Universe

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



4289731701



4293263498



4289765148



4284043350



4288217180



4279894031

Previews

White Background



This preview shows how the Android color 4280055216 looks on a white background.

Color Contrast Check

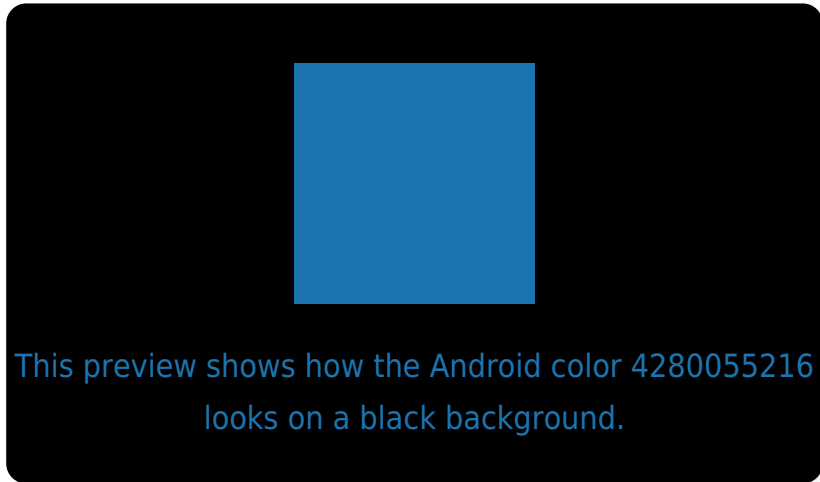
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280055216 Background



This preview shows how black text looks on a background with the Android color 4280055216.



This preview shows how white text looks on a background with the Android color 4280055216.

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
4280055216

Protanomaly
4282609836

Deuteranomaly
4281954737

Tritanomaly
4278876565

Monochromacy



Original Color
4280055216

Achromatopsia
4284572001

Achromatomaly
4282935422

CSS Examples

Text

The CSS property to change the color of the text to Android 4280055216 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(28, 117, 176)` looks like.

```
.text, #text, p{  
    color:rgb(28, 117, 176)  
}
```

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(28, 117, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 117, 176) }
```

Border

The CSS property to change the border of an element to Android 4280055216 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(28, 117, 176) }
```

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

```
.border{ border-color:rgb(28, 117, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 117, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 117, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 117, 176);  
box-shadow:4px 4px 4px 4px rgb(28, 117,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4280055216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 117, 176) }
```

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

```
.background{ background-color: rgb(28, 117,  
176) }
```

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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