

Converting Colors

Android(4280380807)

Have a look what the booklet for
Android(4280380807) contains.

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Color

Android(4280380807)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 216D87 |
| RGB | 33, 109, 135 |
| RGB Percent | 13%, 43%, 53% |
| CMY | 0.8706, 0.5725, 0.4706 |
| CMYK | 0.76, 0.19, 0.00, 0.47 |
| HSL | 195°, 61%, 33% |
| HSV | 195°, 76%, 53% |
| XYZ | 10.4690, 13.0099, 24.8811 |
| YIQ | 89.2400, -53.6420, -8.0260 |

Conversions

Conversions Part 2

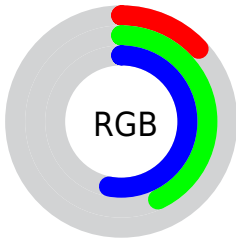
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 33, 77, 135 |
| Decimal | 2190727 |
| CIE _{Lab} | 42.78, -13.68, -20.93 |
| CIE _{LCh} | 43, 25.004, 236.839 |
| Yxy | 13.0099, 0.2165, 0.2690 |
| Android (android.graphics.Color) | 4280380807 (0xFF216D87) |
| YUV | 89.2400, 22.5597, -49.3225 |
| Hunter-Lab | 36.0692, -11.3119, -15.6506 |

Details

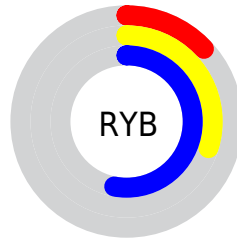
The Android color `4280380807` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287052577`, and the grayscale version is `4284045657`.

A 20% lighter version of the original color is `4284326332`, and `4278205781` is the 20% darker color. If you saturate the color by 10%, you get `4279462535`, and if you desaturate by 10%, it is `4281299079`.

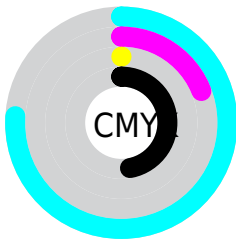
Distribution



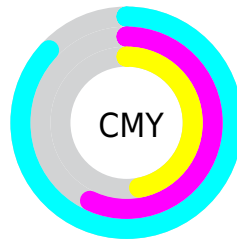
- Red (13%)
- Green (43%)
- Blue (53%)



- Red (13%)
- Yellow (30%)
- Blue (53%)



- Cyan (76%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)



- Cyan (87%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280380807 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 4280380807 by changing the saturation by 10% instead.



4280380807



4280380807

4294967295



4278211950



4284326332



4278205781



4286168280



4278200126



4288010229



4278194984



4289852671



4278190354



4291756031



4278190080



4293656575



4280380807



4280380807



4279462535



4281299079

■ 4278609543

■ 4282152071

■ 4278216071

■ 4283070343

■ 4283923335

■ 4284841607

■ 4285694599

■ 4286612871

■ 4287465863

■ 4288384135

Harmonies

Analogous

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



4279529591



4280380807



4282673294

Triad

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



4280380807



4287321448



4284508479

Complementary

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



4280380807



4287052577

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.



4285883196



4280380807



4287452755

Square

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



4280380807



4286404988



4286929987



4282871374

Rectangle

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



4280380807



4284113804



4286929987



4284966717

Sweetspot

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



4280380807



4287080112



4280387387



4282405721



4292467161



4284045657

Same Dimension

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



4280380807



4279273392



4280368007



4282138946



4278215042



4278190595

Inverse Universe

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



4287045997



4289728647



4287065633



4282530881



4286709857



4278386690

Previews

White Background



This preview shows how the Android color 4280380807 looks on a white background.

Color Contrast Check

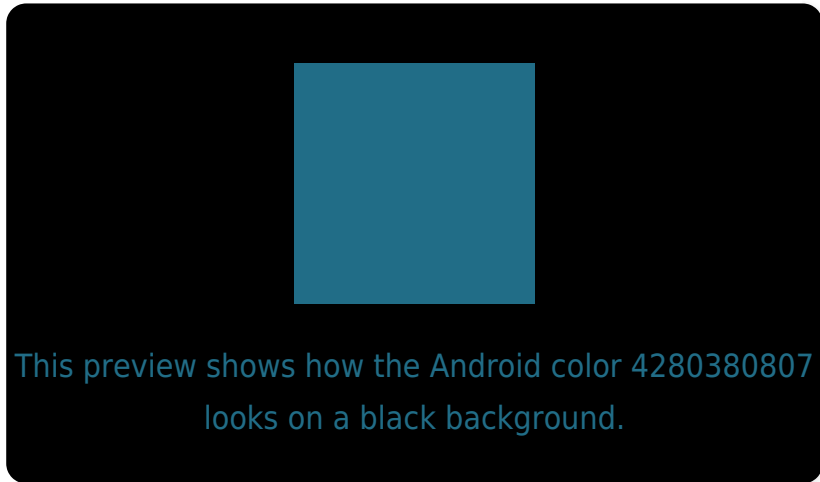
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280380807 Background



This preview shows how black text looks on a background with the Android color 4280380807.



This preview shows how white text looks on a background with the Android color 4280380807.

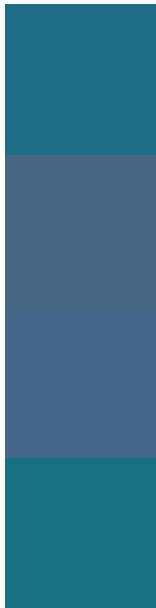
Color Blindness Simulation

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
4280380807

Protanomaly
4282869635

Deuteranomaly
4282738568

Tritanomaly
4279791486

Monochromacy



Original Color
4280380807

Achromatopsia
4284045657

Achromatomaly
4282736746

CSS Examples

Text

The CSS property to change the color of the text to Android 4280380807 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(33, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(33, 109, 135)  
}
```

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(33, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 109, 135) }
```

Border

The CSS property to change the border of an element to Android 4280380807 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(33, 109, 135) }
```

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

```
.border{ border-color:rgb(33, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(33, 109, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(33, 109, 135); box-shadow:4px 4px 4px 4px rgb(33, 109, 135) }
```

Background

The CSS property to change the background color of an element to Android 4280380807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 109, 135) }
```

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

```
.background{ background-color: rgb(33, 109,  
135) }
```

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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