

Converting Colors

Android(4280633207)

Have a look what the booklet for
Android(4280633207) contains.

Android(4280633207)	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>	29

Color

Android(4280633207)

Conversions

Conversions Part 1

Format	Color
Hex	254777
RGB	37, 71, 119
RGB Percent	15%, 28%, 47%
CMY	0.8549, 0.7216, 0.5333
CMYK	0.69, 0.40, 0.00, 0.53
HSL	215°, 53%, 31%
HSV	215°, 69%, 47%
XYZ	6.3460, 6.2317, 18.3211
YIQ	66.3060, -35.6720, 7.7200

Conversions

Conversions Part 2

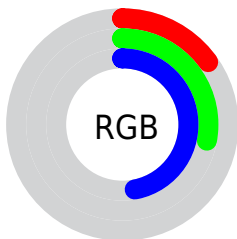
Format	Color
R_{YB}	37, 61, 119
Decimal	2443127
CIE _{Lab}	29.99, 4.61, -31.12
CIE _{LCh}	30, 31.462, 278.426
Yxy	6.2317, 0.2054, 0.2017
Android (android.graphics.Color)	4280633207 (0xFF254777)
YUV	66.3060, 25.9781, -25.7014
Hunter-Lab	24.9634, 1.6907, -26.0398

Details

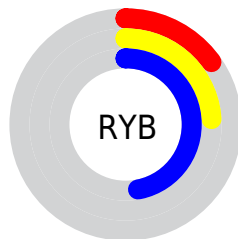
The Android color `4280633207` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4286010661`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4284184492`, and `4278197318` is the 20% darker color. If you saturate the color by 10%, you get `4279844983`, and if you desaturate by 10%, it is `4281421431`.

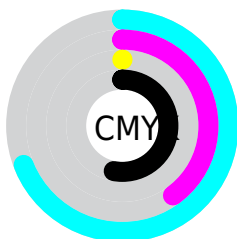
Distribution



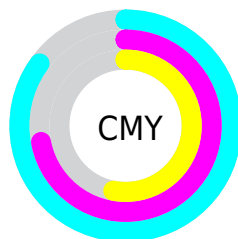
- Red (15%)
- Green (28%)
- Blue (47%)



- Red (15%)
- Yellow (24%)
- Blue (47%)



- Cyan (69%)
- Magenta (40%)
- Yellow (0%)
- Black (53%)



- Cyan (85%)
- Magenta (72%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280633207 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 4280633207 by changing the saturation by 10% instead.



4280633207



4280633207

4294967295



4278202718



4284184492



4278197318



4285960647



4278190128



4287736803



4278190362



4289578751



4278190080



4291420927



4293328895



4280633207



4280633207



4279844983



4281421431

■ 4279056759

■ 4282209655

■ 4278268535

■ 4282997879

■ 4278202743

■ 4283786103

■ 4284574327

■ 4285297015

■ 4286085239

■ 4286873463

■ 4287661687

Harmonies

Analogous

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



4278210164



4280633207



4283514221

Triad

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



4280633207



4285543977



4278669620

Complementary

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



4280633207



4286010661

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.



4281552414



4280633207



4284628760

Square

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



4280633207



4285804865



4283320339



4278211405

Rectangle

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



4280633207



4284692321



4283320339



4280045612

Sweetspot

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



4280633207



4286285980



4280645461



4282073935



4291809231



4283387727

Same Dimension

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



4280633207



4279914652



4281083255



4281677627



4278203258



4278216954

Inverse Universe

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



4285998407



4288420432



4285560613



4282070327



4286185523



4294574184

Previews

White Background



This preview shows how the Android color 4280633207 looks on a white background.

Color Contrast Check

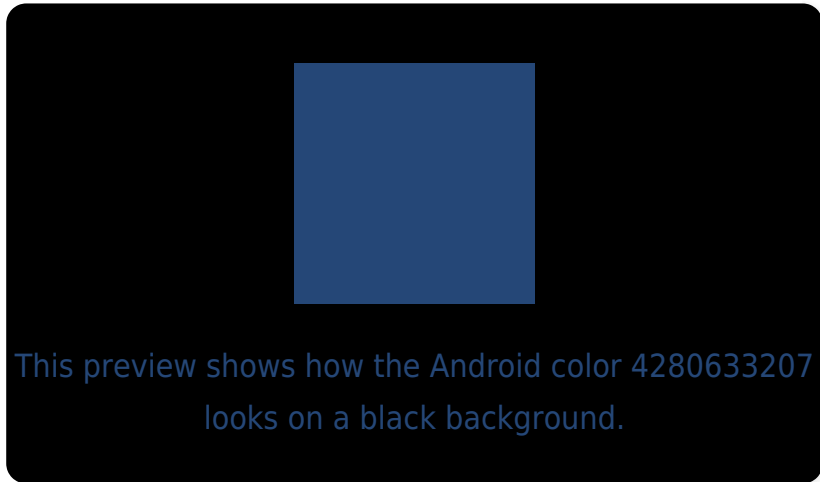
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280633207 Background



This preview shows how black text looks on a background with the Android color 4280633207.



This preview shows how white text looks on a background with the Android color 4280633207.

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

4280633207

Protanopia

4281550197

Deuteranopia

4280567671

Trichromacy



Original Color
4280633207

Protanomaly
4281222774

Deuteranomaly
4280567671

Tritanomaly
4279061345

Monochromacy



Original Color
4280633207

Achromatopsia
4282532418

Achromatomaly
4281812053

CSS Examples

Text

The CSS property to change the color of the text to Android 4280633207 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(37, 71, 119)` looks like.

```
.text, #text, p{  
    color:rgb(37, 71, 119)  
}
```

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(37, 71, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 71, 119) }
```

Border

The CSS property to change the border of an element to Android 4280633207 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(37, 71, 119) }
```

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

```
.border{ border-color:rgb(37, 71, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 71, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 71, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 71, 119);  
box-shadow:4px 4px 4px 4px rgb(37, 71,  
119) }
```

Background

The CSS property to change the background color of an element to Android 4280633207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 71, 119) }
```

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

```
.background{ background-color: rgb(37, 71,  
119) }
```

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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