

Converting Colors

Android(4280043404)

Have a look what the booklet for
Android(4280043404) contains.

Android(4280043404)	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(4280043404)

Conversions

Conversions Part 1

Format	Color
Hex	1C478C
RGB	28, 71, 140
RGB Percent	11%, 28%, 55%
CMY	0.8902, 0.7216, 0.4510
CMYK	0.80, 0.49, 0.00, 0.45
HSL	217°, 67%, 33%
HSV	217°, 80%, 55%
XYZ	7.4658, 6.6468, 25.7004
YIQ	66.0090, -47.7770, 12.3430

Conversions

Conversions Part 2

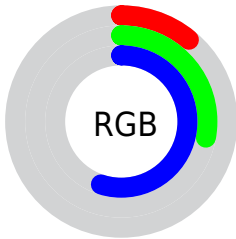
Format	Color
R_{YB}	28, 59, 140
Decimal	1853324
CIE _{Lab}	30.99, 11.59, -42.59
CIE _{LCh}	31, 44.136, 285.229
Yxy	6.6468, 0.1875, 0.1670
Android (android.graphics.Color)	4280043404 (0xFF1C478C)
YUV	66.0090, 36.4776, -33.3339
Hunter-Lab	25.7814, 6.5724, -41.0568

Details

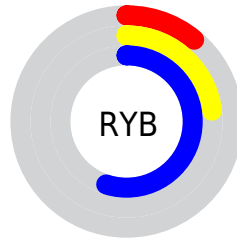
The Android color `4280043404` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287389980`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4284118978`, and `4278197593` is the 20% darker color. If you saturate the color by 10%, you get `4279123596`, and if you desaturate by 10%, it is `4280963212`.

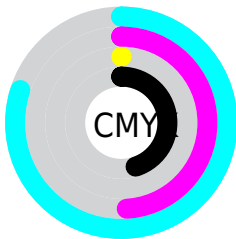
Distribution



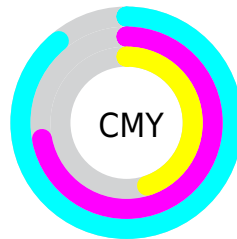
- Red (11%)
- Green (28%)
- Blue (55%)



- Red (11%)
- Yellow (23%)
- Blue (55%)



- Cyan (80%)
- Magenta (49%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (72%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280043404 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 4280043404 by changing the saturation by 10% instead.



4280043404



4280043404

4294967295



4278202738



4284118978



4278197593



4286025950



4278190401



4287867899



4278190890



4289709823



4278190357



4291617535



4278190080



4293525247



4280043404



4280043404



4279123596



4280963212

■ 4278204044

■ 4281882764

■ 4282802572

■ 4283722380

■ 4284641932

■ 4285561740

■ 4286481292

■ 4287401100

■ 4288320908

Harmonies

Analogous

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



4278211212



4280043404



4284495738

Triad

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



4280043404



4286394905



4278212662

Complementary

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



4280043404



4287389980

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.



4280177683



4280043404



4284956928

Square

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



4280043404



4286981177



4282928384



4278212954

Rectangle

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



4280043404



4286000230



4282928384



4278212394

Sweetspot

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



4280043404



4287273653



4280061023



4282469212



4292598747



4284243036

Same Dimension

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



4280043404



4278667957



4280753292



4282270021



4278203269



4278190597

Inverse Universe

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



4287372359



4290053962



4286680092



4282728001



4286906419



4278517762

Previews

White Background



This preview shows how the Android color 4280043404 looks on a white background.

Color Contrast Check

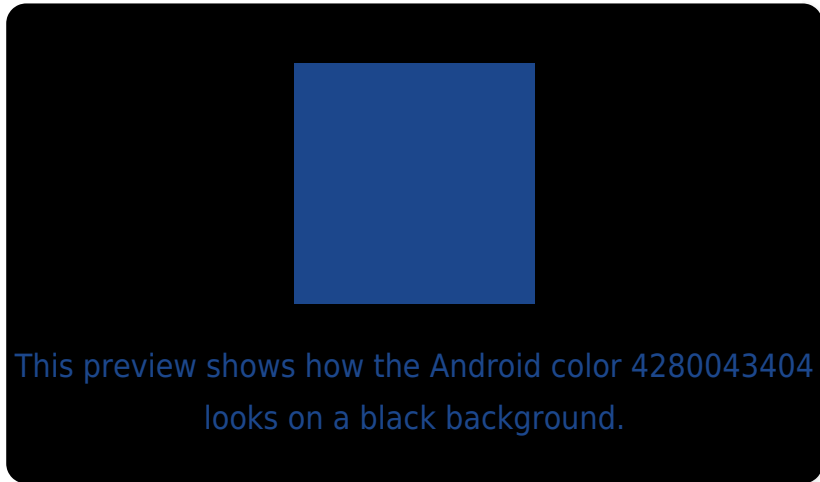
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280043404 Background



This preview shows how black text looks on a background with the Android color 4280043404.



This preview shows how white text looks on a background with the Android color 4280043404.

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

4280043404

Protanopia

4280436363

Deuteranopia

4278209154

Trichromacy



Original Color
4280043404

Protanomaly
4280305291

Deuteranomaly
4278864262

Tritanomaly
4278865258

Monochromacy



Original Color
4280043404

Achromatopsia
4282532418

Achromatomaly
4281615453

CSS Examples

Text

The CSS property to change the color of the text to Android 4280043404 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, 71, 140)` looks like.

```
.text, #text, p{  
    color:rgb(28, 71, 140)  
}
```

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, 71, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 71, 140) }
```

Border

The CSS property to change the border of an element to Android 4280043404 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, 71, 140) }
```

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

```
.border{ border-color:rgb(28, 71, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 71, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 71, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 71, 140);  
box-shadow:4px 4px 4px 4px rgb(28, 71,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4280043404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 71, 140) }
```

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

```
.background{ background-color: rgb(28, 71,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor