

Converting Colors

Android(4280435848)

Have a look what the booklet for
Android(4280435848) contains.

Android(4280435848)	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(4280435848)

Conversions

Conversions Part 1

Format	Color
Hex	224488
RGB	34, 68, 136
RGB Percent	13%, 27%, 53%
CMY	0.8667, 0.7333, 0.4667
CMYK	0.75, 0.50, 0.00, 0.47
HSL	220°, 60%, 33%
HSV	220°, 75%, 53%
XYZ	7.1707, 6.2519, 24.1213
YIQ	65.5860, -42.0920, 13.9400

Conversions

Conversions Part 2

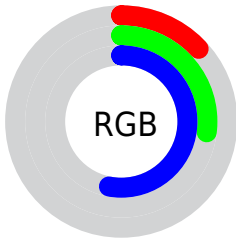
Format	Color
R_{YB}	34, 60, 136
Decimal	2245768
CIE _{Lab}	30.04, 12.83, -41.64
CIE _{LCh}	30, 43.570, 287.124
Yxy	6.2519, 0.1910, 0.1665
Android (android.graphics.Color)	4280435848 (0xFF224488)
YUV	65.5860, 34.7141, -27.7009
Hunter-Lab	25.0038, 7.4347, -39.6948

Details

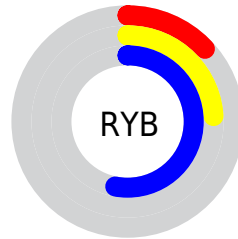
The Android color `4280435848` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4287129122`, and the grayscale version is `4282466625`.

A 20% lighter version of the original color is `4284314814`, and `4278196821` is the 20% darker color. If you saturate the color by 10%, you get `4279516040`, and if you desaturate by 10%, it is `4281355656`.

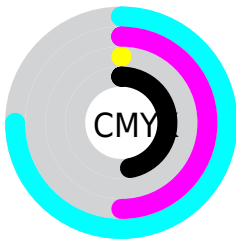
Distribution



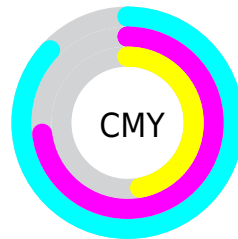
- Red (13%)
- Green (27%)
- Blue (53%)



- Red (13%)
- Yellow (24%)
- Blue (53%)



- Cyan (75%)
- Magenta (50%)
- Yellow (0%)
- Black (47%)



- Cyan (87%)
- Magenta (73%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280435848 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 4280435848 by changing the saturation by 10% instead.

■ 4280435848

■ 4280435848

4294967295

■ 4278201966

■ 4284314814

■ 4278196821

■ 4286156250

■ 4278190142

■ 4287997943

■ 4278190887

■ 4289839871

■ 4278190352

■ 4291747583

■ 4278190080

■ 4293655551

■ 4280435848

■ 4280435848

■ 4279516040

■ 4281355656

■ 4278661768

■ 4282209928

■ 4278201736

■ 4283129736

■ 4283984008

■ 4284903816

■ 4285823624

■ 4286677896

■ 4287597960

■ 4288452232

Harmonies

Analogous

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



4278210441



4280435848



4284494965

Triad

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



4280435848



4286066965



4278211894

Complementary

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



4280435848



4287129122

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.



4279783956



4280435848



4284628992

Square

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



4280435848



4286718773



4282665728



4278212186

Rectangle

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



4280435848



4285868386



4282665728



4278211627

Sweetspot

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



4280435848



4287075760



4280453222



4282403161



4292467161



4284045657

Same Dimension

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



4280435848



4279387824



4281541256



4282269765



4278201477



4278190597

Inverse Universe

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



4287111748



4289729094



4286023714



4282728000



4286906412



4278517762

Previews

White Background



This preview shows how the Android color 4280435848 looks on a white background.

Color Contrast Check

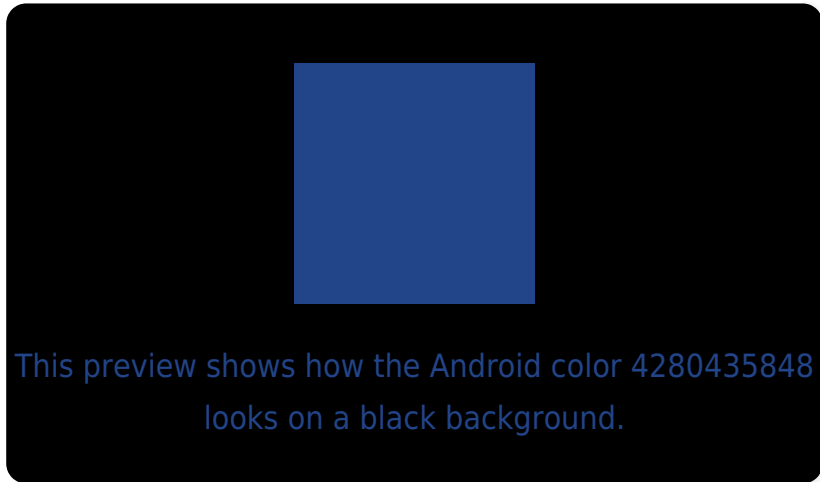
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280435848 Background



This preview shows how black text looks on a background with the Android color 4280435848.



This preview shows how white text looks on a background with the Android color 4280435848.

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

4280435848

Protanopia

4280239240

Deuteranopia

4278208638

Trichromacy



Original Color

4280435848

Protanomaly

4280304776

Deuteranomaly

4278994818

Tritanomaly

4278995559

Monochromacy



Original Color

4280435848

Achromatopsia

4282532418

Achromatomaly

4281746267

CSS Examples

Text

The CSS property to change the color of the text to Android 4280435848 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(34, 68, 136)` looks like.

```
.text, #text, p{  
    color:rgb(34, 68, 136)  
}
```

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(34, 68, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 68, 136) }
```

Border

The CSS property to change the border of an element to Android 4280435848 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(34, 68, 136) }
```

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

```
.border{ border-color:rgb(34, 68, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 68, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 68, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 68, 136);  
box-shadow:4px 4px 4px 4px rgb(34, 68,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4280435848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 68, 136) }
```

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

```
.background{ background-color: rgb(34, 68,  
136) }
```

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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