

Converting Colors

Android(4282873256)

Have a look what the booklet for
Android(4282873256) contains.

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Color

Android(4282873256)

Conversions

Conversions Part 1

Format	Color
Hex	4775A8
RGB	71, 117, 168
RGB Percent	28%, 46%, 66%
CMY	0.7216, 0.5412, 0.3412
CMYK	0.58, 0.30, 0.00, 0.34
HSL	212°, 41%, 47%
HSV	212°, 58%, 66%
XYZ	16.0277, 16.8893, 39.4610
YIQ	109.0600, -43.7870, 6.1090

Conversions

Conversions Part 2

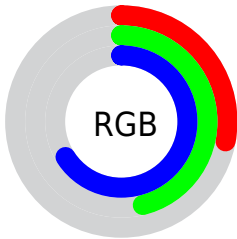
Format	Color
R_{YB}	71, 102, 168
Decimal	4683176
CIE _{Lab}	48.12, -0.14, -32.04
CIE _{LCh}	48, 32.041, 269.742
Yxy	16.8893, 0.2214, 0.2333
Android (android.graphics.Color)	4282873256 (0xFF4775A8)
YUV	109.0600, 29.0574, -33.3786
Hunter-Lab	41.0966, -2.3040, -28.1627

Details

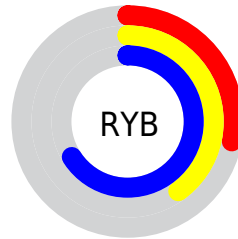
The Android color `4282873256` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289231431`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286491103`, and `4278207860` is the 20% darker color. If you saturate the color by 10%, you get `4281756840`, and if you desaturate by 10%, it is `4283989672`.

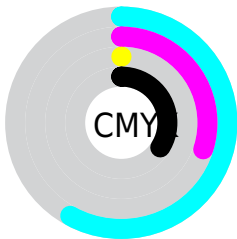
Distribution



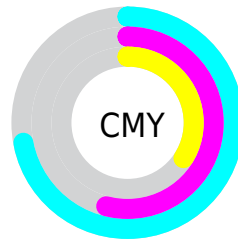
- Red (28%)
- Green (46%)
- Blue (66%)



- Red (28%)
- Yellow (40%)
- Blue (66%)



- Cyan (58%)
- Magenta (30%)
- Yellow (0%)
- Black (34%)



- Cyan (72%)
- Magenta (54%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282873256 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 4282873256 by changing the saturation by 10% instead.

 4282873256

 4282873256

4294967295

 4280901005

 4286491103

 4278207860

 4288333052

 4278202203

 4290240767

 4278197059

 4292082943

 4278190893


 4294049791

 4278190359

 4278190080

 4282873256

 4282873256

 4281756840

 4283989672

■ 4280640424

■ 4285106088

■ 4279589800

■ 4286156712

■ 4278473384

■ 4287273128

■ 4278210728

■ 4288389544

■ 4289505960

■ 4290622376

■ 4291673256

■ 4292789416

Harmonies

Analogous

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



4278221984



4282873256



4285819809

Triad

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



4282873256



4289027929



4282875478

Complementary

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



4282873256



4289231431

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.



4285036866



4282873256



4288243524

Square

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



4282873256



4288961908



4286804283



4279730289

Rectangle

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



4282873256



4287325589



4286804283



4283595854

Sweetspot

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



4282873256



4290169051



4282886265



4283982446



4293783021



4285427310

Same Dimension

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



4282873256



4282682587



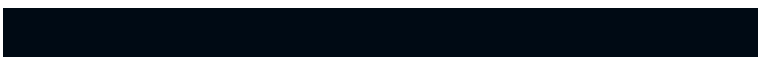
4282992552



4283191380



4278208148



4278192660

Inverse Universe

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



4289218421



4292560012



4289112135



4283714640



4287889478



4279500810

Previews

White Background



This preview shows how the Android color 4282873256 looks on a white background.

Color Contrast Check

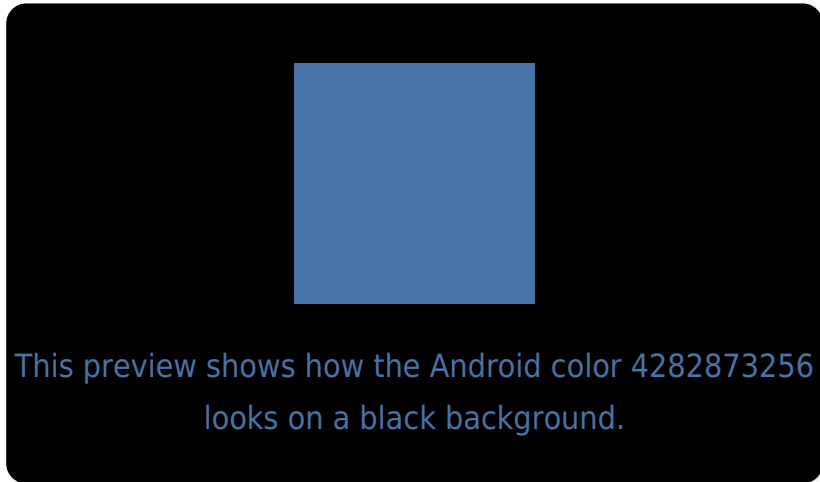
Large Text (above 18pt) WCAG AA ✓ Pass

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

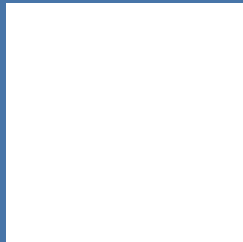
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282873256 Background



This preview shows how black text looks on a background with the Android color 4282873256.



This preview shows how white text looks on a background with the Android color 4282873256.

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

4282873256

Protanopia

4284575908

Deuteranopia

4284051881

Trichromacy



Original Color

4282873256

Protanomaly

4283986597

Deuteranomaly

4283593385

Tritanomaly

4282284434

Monochromacy



Original Color

4282873256

Achromatopsia

4285361517

Achromatomaly

4284444802

CSS Examples

Text

The CSS property to change the color of the text to Android 4282873256 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(71, 117, 168)` looks like.

```
.text, #text, p{  
    color:rgb(71, 117, 168)  
}
```

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(71, 117, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 117, 168) }
```

Border

The CSS property to change the border of an element to Android 4282873256 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(71, 117, 168) }
```

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

```
.border{ border-color:rgb(71, 117, 168) }
```

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

Here you see how a box with a 4 pixel rgb(71, 117, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 117, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 117, 168);  
box-shadow:4px 4px 4px 4px rgb(71, 117,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4282873256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 117, 168) }
```

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

```
.background{ background-color: rgb(71, 117,  
168) }
```

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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