

Converting Colors

Android(4280973007)

Have a look what the booklet for
Android(4280973007) contains.

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Color

Android(4280973007)

Conversions

Conversions Part 1

Format	Color
Hex	2A76CF
RGB	42, 118, 207
RGB Percent	16%, 46%, 81%
CMY	0.8353, 0.5373, 0.1882
CMYK	0.80, 0.43, 0.00, 0.19
HSL	212°, 66%, 49%
HSV	212°, 80%, 81%
XYZ	18.6958, 17.9541, 61.5116
YIQ	105.4220, -73.8650, 11.5670

Conversions

Conversions Part 2

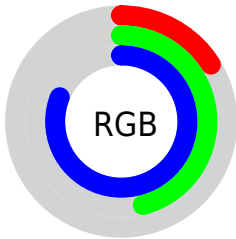
Format	Color
RYB	42, 94, 207
Decimal	2782927
CIELab	49.44, 8.71, -52.51
CIELCh	49, 53.224, 279.423
Yxy	17.9541, 0.1905, 0.1829
Android (android.graphics.Color)	4280973007 (0xFF2A76CF)
YUV	105.4220, 50.0780, -55.6211
Hunter-Lab	42.3723, 4.6074, -56.4104

Details

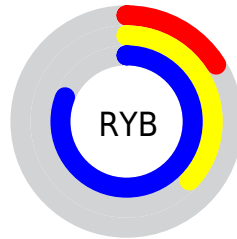
The Android color `4280973007` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark muted azure. A complement of this color would be `4291789610`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285639423`, and `4278208408` is the 20% darker color. If you saturate the color by 10%, you get `4279593935`, and if you desaturate by 10%, it is `4282352079`.

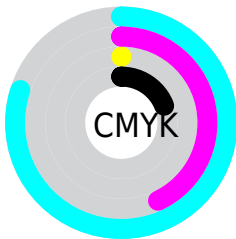
Distribution



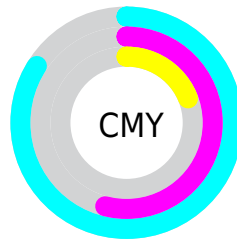
- Red (16%)
- Green (46%)
- Blue (81%)



- Red (16%)
- Yellow (37%)
- Blue (81%)



- Cyan (80%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (84%)
- Magenta (54%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280973007 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 4280973007 by changing the saturation by 10% instead.

 4280973007

 4280973007

4294967295

 4278214323

 4285639423

 4278208408

 4287612415

 4278202750

 4289651199

 4278197604

 4291624447

 4278191180

 4293591039

 4278191156

 4278190622

 4278190080

 4280973007

 4280973007

■ 4279593935

■ 4282352079

■ 4278280399

■ 4283665615

■ 4278214607

■ 4285044687

■ 4286424015

■ 4287803087

■ 4289116623

■ 4290495695

■ 4291874767

■ 4293188303

Harmonies

Analogous

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



4278223818



4280973007



4287259580

Triad

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



4280973007



4290729278



4278225236

Complementary

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



4280973007



4291789610

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.



4283335466



4280973007



4289030171

Square

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



4280973007



4291250537



4286543884



4278225795

Rectangle

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



4280973007



4289418916



4286543884



4279404357

Sweetspot

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



4280973007



4290961151



4280995714



4284181632



4278190080



4286611584

Same Dimension

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



4280973007



4278877183



4281281231



4284375913



4278210216



4278194985

Inverse Universe

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



4291766902



4294904443



4291481386



4285095523



4289200206



4280877075

Previews

White Background



This preview shows how the Android color 4280973007 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



This preview shows how the Android color 4280973007 looks on a black 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

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

Android 4280973007 Background



This preview shows how black text looks on a background with the Android color 4280973007.



This preview shows how white text looks on a background with the Android color 4280973007.

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
4280973007

Protanomaly
4282414028

Deuteranomaly
4280711119

Tritanomaly
4279205540

Monochromacy



Original Color
4280973007

Achromatopsia
4285098345

Achromatomaly
4283592334

CSS Examples

Text

The CSS property to change the color of the text to Android 4280973007 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(42, 118, 207)` looks like.

```
.text, #text, p{  
    color:rgb(42, 118, 207)  
}
```

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(42, 118, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 118, 207) }
```

Border

The CSS property to change the border of an element to Android 4280973007 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(42, 118, 207) }
```

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

```
.border{ border-color:rgb(42, 118, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 118, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 118, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 118, 207);  
box-shadow:4px 4px 4px 4px rgb(42, 118,  
207) }
```

Background

The CSS property to change the background color of an element to Android 4280973007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 118, 207) }
```

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

```
.background{ background-color: rgb(42, 118,  
207) }
```

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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