

Converting Colors

Android(4280512944)

Have a look what the booklet for
Android(4280512944) contains.

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Color

Android(4280512944)

Conversions

Conversions Part 1

Format	Color
Hex	2371B0
RGB	35, 113, 176
RGB Percent	14%, 44%, 69%
CMY	0.8627, 0.5569, 0.3098
CMYK	0.80, 0.36, 0.00, 0.31
HSL	207°, 67%, 41%
HSV	207°, 80%, 69%
XYZ	14.4347, 15.3022, 43.2671
YIQ	96.8600, -66.7110, 3.0570

Conversions

Conversions Part 2

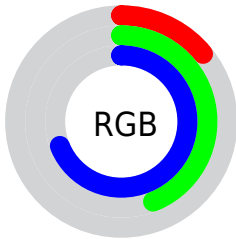
Format	Color
R _Y B	35, 85, 176
Decimal	2322864
CIE Lab	46.05, -0.67, -40.06
CIE LCh	46, 40.069, 269.038
Yxy	15.3022, 0.1977, 0.2096
Android (android.graphics.Color)	4280512944 (0xFF2371B0)
YUV	96.8600, 39.0160, -54.2512
Hunter-Lab	39.1180, -2.5891, -38.1961

Details

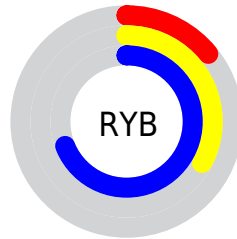
The Android color `4280512944` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289749539`, and the grayscale version is `4284572001`.

A 20% lighter version of the original color is `4284916968`, and `4278207099` is the 20% darker color. If you saturate the color by 10%, you get `4279331248`, and if you desaturate by 10%, it is `4281694640`.

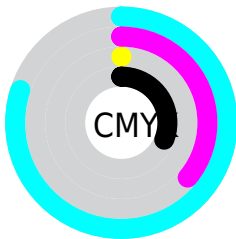
Distribution



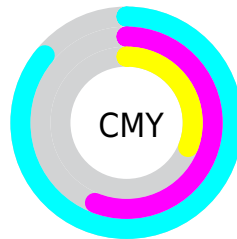
- Red (14%)
- Green (44%)
- Blue (69%)



- Red (14%)
- Yellow (33%)
- Blue (69%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280512944 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 4280512944 by changing the saturation by 10% instead.



4280512944



4280512944

4294967295



4278213013



4284916968



4278207099



4286889983



4278201442



4288797695



4278196297



4290705663



4278191154



4292673535



4278190620



4294639615



4278190080



4280512944



4280512944



4279331248



4281694640

■ 4278215088

■ 4282810800

■ 4283992496

■ 4285108400

■ 4286290096

■ 4287471792

■ 4288587952

■ 4289769648

■ 4290885808

Harmonies

Analogous

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



4278221222



4280512944



4285359528

Triad

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



4280512944



4289352526



4281563977

Complementary

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



4280512944



4289749539

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.



4284445999



4280512944



4288372276

Square

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



4280512944



4289286256



4286671655



4278222443

Rectangle

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



4280512944



4287257753



4286671655



4282677567

Sweetspot

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



4280512944



4289646054



4280528992



4283524211



4294111986



4285756275

Same Dimension

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



4280512944



4278813670



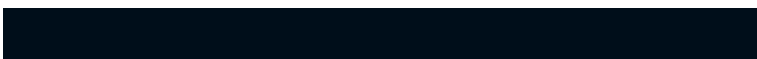
4280495280



4283454809



4278211993



4278193690

Inverse Universe

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



4289733489



4293265795



4289767203



4284043349



4288217173



4279894030

Previews

White Background



This preview shows how the Android color 4280512944 looks on a white background.

Color Contrast Check

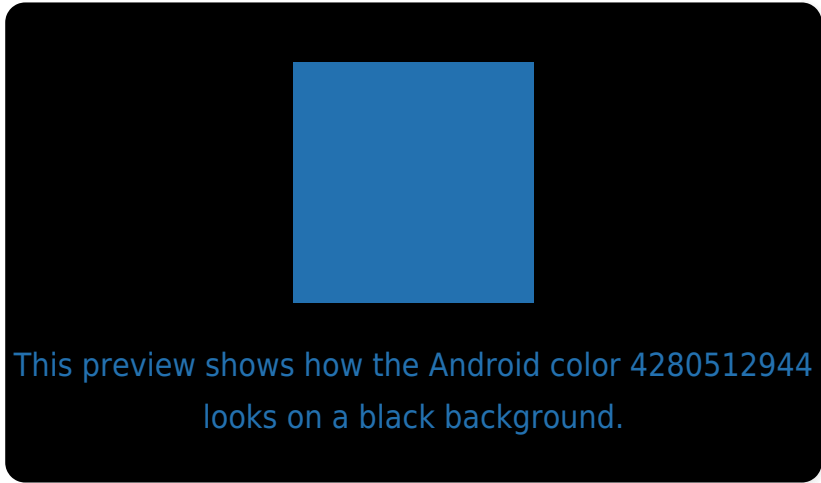
Large Text (above 18pt) WCAG AA ✓ Pass

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

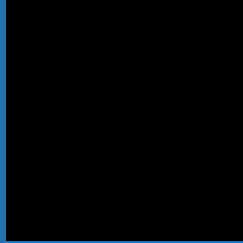
Any Text WCAG AA × Fail

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 4280512944 Background



This preview shows how black text looks on a background with the Android color 4280512944.



This preview shows how white text looks on a background with the Android color 4280512944.

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
4280512944

Protanomaly
4282609068

Deuteranomaly
4281822897

Tritanomaly
4279072403

Monochromacy



Original Color
4280512944

Achromatopsia
4284572001

Achromatomaly
4283066238

CSS Examples

Text

The CSS property to change the color of the text to Android 4280512944 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(35, 113, 176)` looks like.

```
.text, #text, p{  
    color:rgb(35, 113, 176)  
}
```

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(35, 113, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 113, 176) }
```

Border

The CSS property to change the border of an element to Android 4280512944 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(35, 113, 176) }
```

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

```
.border{ border-color:rgb(35, 113, 176) }
```

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

Here you see how a box with a 4 pixel rgb(35, 113, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 113, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 113, 176);  
box-shadow:4px 4px 4px 4px rgb(35, 113,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4280512944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 113, 176) }
```

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

```
.background{ background-color: rgb(35, 113,  
176) }
```

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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