

Converting Colors

Android(4280044256)

Have a look what the booklet for
Android(4280044256) contains.

Android(4280044256)	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(4280044256)

Conversions

Conversions Part 1

Format	Color
Hex	1C4AE0
RGB	28, 74, 224
RGB Percent	11%, 29%, 88%
CMY	0.8902, 0.7098, 0.1216
CMYK	0.87, 0.67, 0.00, 0.12
HSL	226°, 78%, 49%
HSV	226°, 87%, 88%
XYZ	16.3822, 10.5263, 71.6893
YIQ	77.3460, -75.5660, 36.8980

Conversions

Conversions Part 2

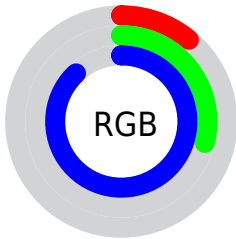
Format	Color
RYB	28, 65, 224
Decimal	1854176
CIELab	38.77, 42.18, -79.56
CIELCh	39, 90.048, 297.930
Yxy	10.5263, 0.1662, 0.1068
Android (android.graphics.Color)	4280044256 (0xFF1C4AE0)
YUV	77.3460, 72.3004, -43.2764
Hunter-Lab	32.4442, 33.3536, -108.2975

Details

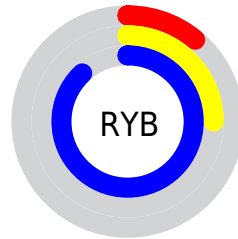
The Android color `4280044256` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4292915740`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4285627391`, and `4278198183` is the 20% darker color. If you saturate the color by 10%, you get `4278598112`, and if you desaturate by 10%, it is `4281490400`.

Distribution



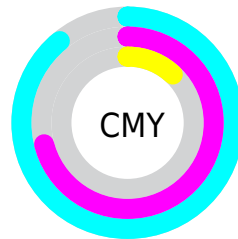
- Red (11%)
- Green (29%)
- Blue (88%)



- Red (11%)
- Yellow (25%)
- Blue (88%)



- Cyan (87%)
- Magenta (67%)
- Yellow (0%)
- Black (12%)



- Cyan (89%)
- Magenta (71%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280044256 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 4280044256 by changing the saturation by 10% instead.

 4280044256

 4280044256

4294967295

 4278203587

 4285627391

 4278198183

 4287796479

 4278193804

 4289900543

 4278190194

 4291939327

 4278193240

 4293978111

 4278191936

 4278190889

 4278190354

 4278190080

■ 4280044256

■ 4280044256

■ 4278598112

■ 4281490400

■ 4278203872

■ 4283002080

■ 4284448224

■ 4285960160

■ 4287406304

■ 4288852448

■ 4290364128

■ 4291810272

■ 4293321952

Harmonies

Analogous

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



4278217202



4280044256



4289200299

Triad

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



4280044256



4289343232



4278220116

Complementary

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



4280044256



4292915740

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.



4278219264



4280044256



4285814784

Square

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



4280044256



4291559453



4280576512



4278220703

Rectangle

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



4280044256



4291297404



4280576512



4278219834

Sweetspot

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



4280044256



4290628863



4280082607



4283982208



4278190080



4286611584

Same Dimension

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



4280044256



4278205695



4283243744



4284835952



4278200752



4278192944

Inverse Universe

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



4292877386



4294901820



4289716252



4285556072



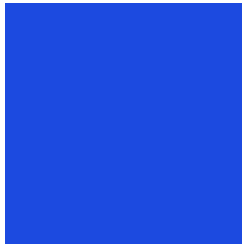
4289724457



4281335819

Previews

White Background



This preview shows how the Android color 4280044256 looks on a white background.

Color Contrast Check

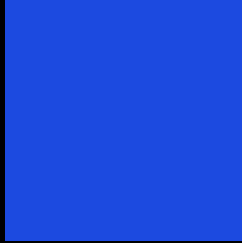
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280044256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

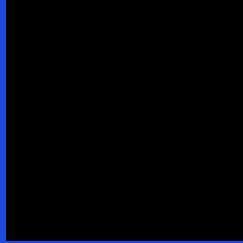
Any Text WCAG AA × Fail

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 4280044256 Background



This preview shows how black text looks on a background with the Android color 4280044256.



This preview shows how white text looks on a background with the Android color 4280044256.

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

4280044256

Protanopia

4278212536

Deuteranopia

4278214045

Trichromacy



Original Color

4280044256

Protanomaly

4278866631

Deuteranomaly

4278867637

Tritanomaly

4278868885

Monochromacy



Original Color

4280044256

Achromatopsia

4283256141

Achromatomaly

4282076290

CSS Examples

Text

The CSS property to change the color of the text to Android 4280044256 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, 74, 224)` looks like.

```
.text, #text, p{  
    color:rgb(28, 74, 224)  
}
```

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, 74, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 74, 224) }
```

Border

The CSS property to change the border of an element to Android 4280044256 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, 74, 224) }
```

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

```
.border{ border-color:rgb(28, 74, 224) }
```

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

Here you see how a box with a 4 pixel rgb(28, 74, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 74, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 74, 224);  
box-shadow:4px 4px 4px 4px rgb(28, 74,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4280044256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 74, 224) }
```

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

```
.background{ background-color: rgb(28, 74,  
224) }
```

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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