

Converting Colors

Android(4280112803)

Have a look what the booklet for
Android(4280112803) contains.

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Color

Android(4280112803)

Conversions

Conversions Part 1

Format	Color
Hex	1D56A3
RGB	29, 86, 163
RGB Percent	11%, 34%, 64%
CMY	0.8863, 0.6627, 0.3608
CMYK	0.82, 0.47, 0.00, 0.36
HSL	214°, 70%, 38%
HSV	214°, 82%, 64%
XYZ	10.4453, 9.5611, 35.9453
YIQ	77.7350, -58.6890, 11.8630

Conversions

Conversions Part 2

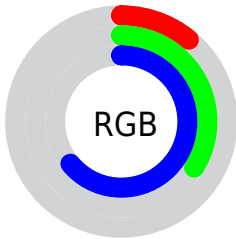
Format	Color
R_{YB}	29, 69, 163
Decimal	1922723
CIE _{Lab}	37.04, 10.86, -46.77
CIE _{LCh}	37, 48.018, 283.075
Yxy	9.5611, 0.1867, 0.1709
Android (android.graphics.Color)	4280112803 (0xFF1D56A3)
YUV	77.7350, 42.0356, -42.7406
Hunter-Lab	30.9211, 6.1866, -47.2790

Details

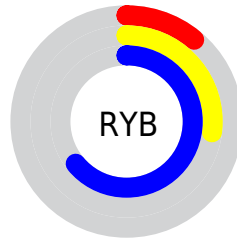
The Android color `4280112803` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4288899613`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4284516315`, and `4278200943` is the 20% darker color. If you saturate the color by 10%, you get `4279061923`, and if you desaturate by 10%, it is `4281163683`.

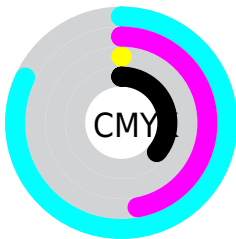
Distribution



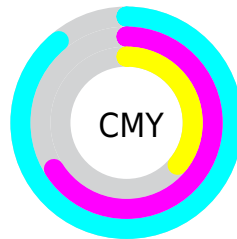
- Red (11%)
- Green (34%)
- Blue (64%)



- Red (11%)
- Yellow (27%)
- Blue (64%)



- Cyan (82%)
- Magenta (47%)
- Yellow (0%)
- Black (36%)



- Cyan (89%)
- Magenta (66%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280112803 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 4280112803 by changing the saturation by 10% instead.

 4280112803

 4280112803

4294967295

 4278206344

 4284516315

 4278200943

 4286489079

 4278196054

 4288331007

 4278191678

 4290304255

 4278190887

 4292211967

 4278190352


 4294180863

 4278190080

 4280112803

 4280112803

 4279061923

 4281163683

■ 4278207907

■ 4282280355

■ 4283331235

■ 4284382115

■ 4285498787

■ 4286549667

■ 4287600803

■ 4288651683

■ 4289768099

Harmonies

Analogous

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



4278215329



4280112803



4285416848

Triad

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



4280112803



4287839268



4278216767

Complementary

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



4280112803



4288899613

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.



4281164569



4280112803



4286270720

Square

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



4280112803



4288425800



4284111616



4278217064

Rectangle

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



4280112803



4287117435



4284111616



4278216242

Sweetspot

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



4280112803



4288656852



4280132457



4283128171



4293651435



4285229931

Same Dimension

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



4280112803



4278344660



4280688035



4282994002



4278206097



4278192146

Inverse Universe

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



4288879958



4292084315



4288324381



4283582797



4287692862



4279369736

Previews

White Background



This preview shows how the Android color 4280112803 looks on a white background.

Color Contrast Check

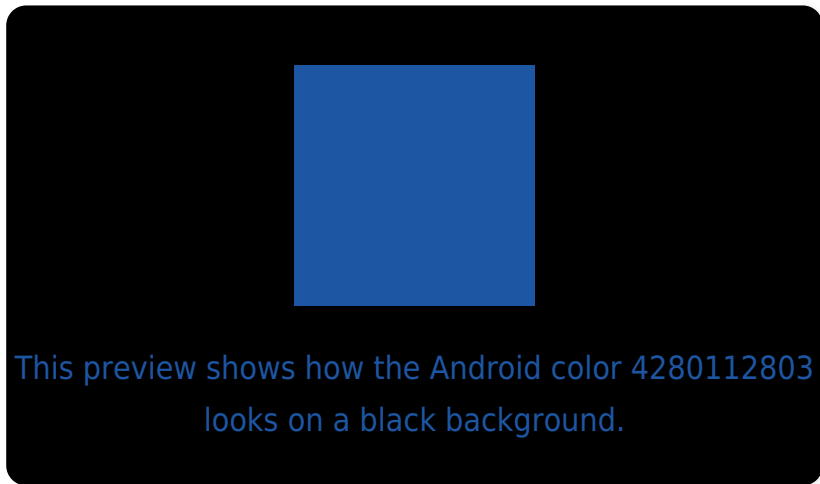
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280112803 Background



This preview shows how black text looks on a background with the Android color 4280112803.



This preview shows how white text looks on a background with the Android color 4280112803.

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
4280112803

Protanomaly
4280833442

Deuteranomaly
4278933663

Tritanomaly
4278934909

Monochromacy



Original Color
4280112803

Achromatopsia
4283321934

Achromatomaly
4282143085

CSS Examples

Text

The CSS property to change the color of the text to Android 4280112803 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(29, 86, 163)` looks like.

```
.text, #text, p{  
    color:rgb(29, 86, 163)  
}
```

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(29, 86, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 86, 163) }
```

Border

The CSS property to change the border of an element to Android 4280112803 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(29, 86, 163) }
```

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

```
.border{ border-color:rgb(29, 86, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 86, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 86, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 86, 163);  
box-shadow:4px 4px 4px 4px rgb(29, 86,  
163) }
```

Background

The CSS property to change the background color of an element to Android 4280112803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 86, 163) }
```

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

```
.background{ background-color: rgb(29, 86,  
163) }
```

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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