

Converting Colors

Android(4280172182)

Have a look what the booklet for
Android(4280172182) contains.

Android(4280172182)	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(4280172182)

Conversions

Conversions Part 1

Format	Color
Hex	1E3E96
RGB	30, 62, 150
RGB Percent	12%, 24%, 59%
CMY	0.8824, 0.7569, 0.4118
CMYK	0.80, 0.59, 0.00, 0.41
HSL	224°, 67%, 35%
HSV	224°, 80%, 59%
XYZ	7.7631, 5.9233, 29.5883
YIQ	62.4640, -47.3200, 20.5840

Conversions

Conversions Part 2

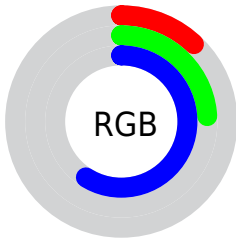
Format	Color
R_{YB}	30, 55, 150
Decimal	1982102
CIE _{Lab}	29.22, 22.03, -51.58
CIE _{LCh}	29, 56.090, 293.129
Yxy	5.9233, 0.1794, 0.1369
Android (android.graphics.Color)	4280172182 (0xFF1E3E96)
YUV	62.4640, 43.1552, -28.4709
Hunter-Lab	24.3378, 14.3453, -55.0445

Details

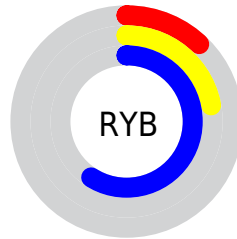
The Android color **4280172182** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4288050718**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4284444109**, and **4278195554** is the 20% darker color. If you saturate the color by 10%, you get **4279186326**, and if you desaturate by 10%, it is **4281158038**.

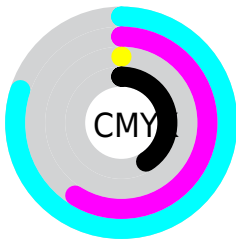
Distribution



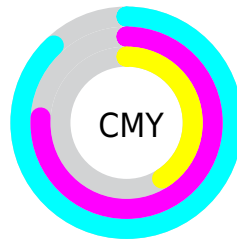
- Red (12%)
- Green (24%)
- Blue (59%)



- Red (12%)
- Yellow (22%)
- Blue (59%)



- Cyan (80%)
- Magenta (59%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (76%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280172182 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 4280172182 by changing the saturation by 10% instead.

■ 4280172182

■ 4280172182

4294967295

■ 4278200700

■ 4284444109

■ 4278195554

■ 4286285546

■ 4278190154

■ 4288192767

■ 4278191154

■ 4290100223

■ 4278190620

■ 4292007935

■ 4278190080

■ 4293981183

■ 4280172182

■ 4280172182

■ 4279186326

■ 4281158038

■ 4278200470

■ 4282143894

■ 4283129750

■ 4284115606

■ 4285101462

■ 4286087318

■ 4287073174

■ 4288059030

■ 4289044886

Harmonies

Analogous

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



4278210204



4280172182



4285342842

Triad

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



4280172182



4286327296



4278212153

Complementary

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



4280172182



4288050718

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.



4278211334



4280172182



4284366848

Square

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



4280172182



4287432230



4281748480



4278212454

Rectangle

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



4280172182



4286843231



4281748480



4278211882

Sweetspot

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



4280172182



4287865026



4280194678



4282731617



4292927712



4284572001

Same Dimension

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



4280172182



4278729154



4281998998



4282598730



4278199690



4278190858

Inverse Universe

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



4288028222



4290906169



4286223902



4283056965



4287234085



4278845443

Previews

White Background



This preview shows how the Android color 4280172182 looks on a white background.

Color Contrast Check

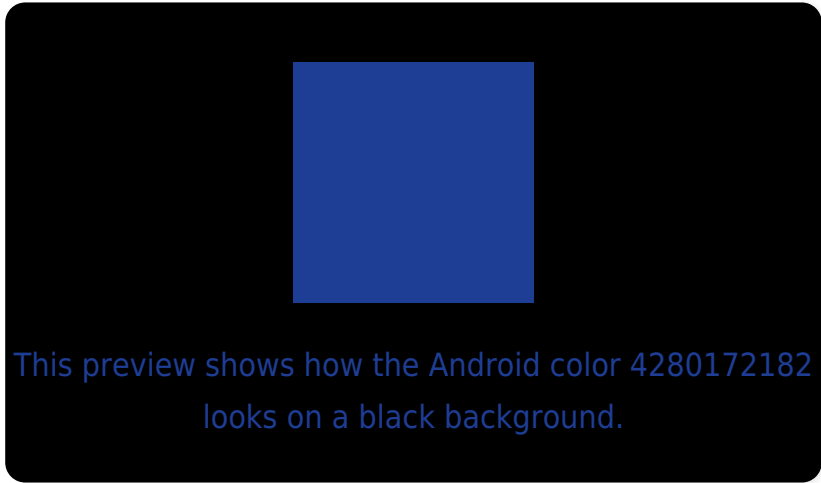
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280172182 Background



This preview shows how black text looks on a background with the Android color 4280172182.



This preview shows how white text looks on a background with the Android color 4280172182.

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

4280172182

Protanopia

4278207117

Deuteranopia

4278208377

Trichromacy



Original Color

4280172182

Protanomaly

4278927760

Deuteranomaly

4278928516

Tritanomaly

4278929258

Monochromacy



Original Color

4280172182

Achromatopsia

4282269246

Achromatomaly

4281482846

CSS Examples

Text

The CSS property to change the color of the text to Android 4280172182 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(30, 62, 150)` looks like.

```
.text, #text, p{  
    color:rgb(30, 62, 150)  
}
```

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(30, 62, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 62, 150) }
```

Border

The CSS property to change the border of an element to Android 4280172182 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(30, 62, 150) }
```

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

```
.border{ border-color:rgb(30, 62, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 62, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 62, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 62, 150);  
box-shadow:4px 4px 4px 4px rgb(30, 62,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4280172182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 62, 150) }
```

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

```
.background{ background-color: rgb(30, 62,  
150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor