

Converting Colors

Android(4280101616)

Have a look what the booklet for
Android(4280101616) contains.

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Color

Android(4280101616)

Conversions

Conversions Part 1

Format	Color
Hex	1D2AF0
RGB	29, 42, 240
RGB Percent	11%, 16%, 94%
CMY	0.8863, 0.8353, 0.0588
CMYK	0.88, 0.83, 0.00, 0.06
HSL	236°, 88%, 53%
HSV	236°, 88%, 94%
XYZ	17.0628, 8.2084, 83.1231
YIQ	60.6850, -71.3060, 58.8220

Conversions

Conversions Part 2

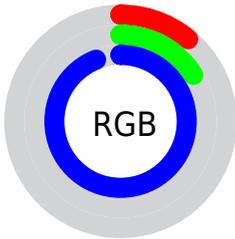
Format	Color
R_{YB}	29, 41, 240
Decimal	1911536
CIE _{Lab}	34.41, 64.76, -95.87
CIE _{LCh}	34, 115.694, 304.040
Yxy	8.2084, 0.1574, 0.0757
Android (android.graphics.Color)	4280101616 (0xFF1D2AF0)
YUV	60.6850, 88.4023, -27.7877
Hunter-Lab	28.6503, 56.1685, -151.9628

Details

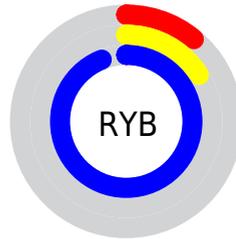
The Android color `4280101616` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293976861`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4286143999`, and `4278190262` is the 20% darker color. If you saturate the color by 10%, you get `4278522864`, and if you desaturate by 10%, it is `4281680368`.

Distribution



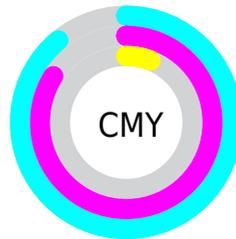
- Red (11%)
- Green (16%)
- Blue (94%)



- Red (11%)
- Yellow (16%)
- Blue (94%)



- Cyan (88%)
- Magenta (83%)
- Yellow (0%)
- Black (6%)



- Cyan (89%)
- Magenta (84%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280101616 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 4280101616 by changing the saturation by 10% instead.

 4280101616

 4280101616

4294967295

 4278193875

 4286143999

 4278190262

 4288378879

 4278190234

 4290548479

 4278190207

 4292652543

 4278194277

 4294756863

 4278192460

 4294960895

 4278191156

 4278190622

 4278190080

■ 4280101616

■ 4280101616

■ 4278522864

■ 4281680368

■ 4278194160

■ 4283258864

■ 4284837616

■ 4286416112

■ 4287994864

■ 4289573360

■ 4291152112

■ 4292730608

■ 4294309360

Harmonies

Analogous

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



4278214911



4280101616



4290642084

Triad

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



4280101616



4288617728



4278217820

Complementary

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



4280101616



4293976861

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.



4278217216



4280101616



4284044032

Square

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



4280101616



4291821568



4278215680



4278218937

Rectangle

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



4280101616



4292608104



4278215680



4278217531

Sweetspot

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



4280101616



4290626047



4280152290



4283980416



4278190080



4286611584

Same Dimension

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



4280101616



4278194431



4286062064



4285295992



4278193080



4278190904

Inverse Universe

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



4293926186



4294901776



4288016413



4286082157



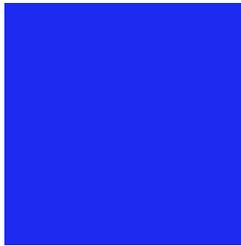
4290248715



4281860099

Previews

White Background



This preview shows how the Android color 4280101616 looks on a white background.

Color Contrast Check

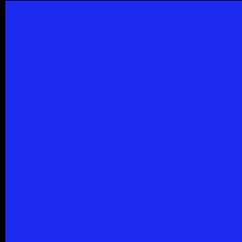
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Android color 4280101616 looks on a 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 4280101616 Background



This preview shows how black text looks on a background with the Android color 4280101616.



This preview shows how white text looks on a background with the Android color 4280101616.

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

4280101616

Protanopia

4278209954

Deuteranopia

4278211466

Trichromacy



Original Color
4280101616

Protanomaly
4278927550

Deuteranomaly
4278928559

Tritanomaly
4278929554

Monochromacy



Original Color
4280101616

Achromatopsia
4282203453

Achromatomaly
4281415294

CSS Examples

Text

The CSS property to change the color of the text to Android 4280101616 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, 42, 240)` looks like.

```
.text, #text, p{  
    color:rgb(29, 42, 240)  
}
```

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, 42, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 42, 240) }
```

Border

The CSS property to change the border of an element to Android 4280101616 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, 42, 240) }
```

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

```
.border{ border-color:rgb(29, 42, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 42, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 42, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 42, 240);  
box-shadow:4px 4px 4px 4px rgb(29, 42,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4280101616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 42, 240) }
```

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

```
.background{ background-color: rgb(29, 42,  
240) }
```

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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