

Converting Colors

Android(4280102284)

Have a look what the booklet for
Android(4280102284) contains.

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Color

Android(4280102284)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1D2D8C |
| RGB | 29, 45, 140 |
| RGB Percent | 11%, 18%, 55% |
| CMY | 0.8863, 0.8235, 0.4510 |
| CMYK | 0.79, 0.68, 0.00, 0.45 |
| HSL | 231°, 66%, 33% |
| HSV | 231°, 79%, 55% |
| XYZ | 6.1787, 4.0314, 25.2634 |
| YIQ | 51.0460, -40.0310, 26.1530 |

Conversions

Conversions Part 2

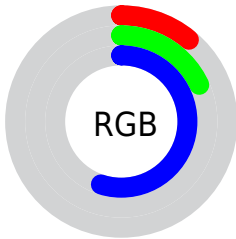
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 29, 43, 140 |
| Decimal | 1912204 |
| CIE _{Lab} | 23.78, 29.60, -54.32 |
| CIE _{LCh} | 24, 61.860, 298.586 |
| Yxy | 4.0314, 0.1742, 0.1136 |
| Android (android.graphics.Color) | 4280102284 (0xFF1D2D8C) |
| YUV | 51.0460, 43.8543, -19.3343 |
| Hunter-Lab | 20.0784, 19.7923, -60.5460 |

Details

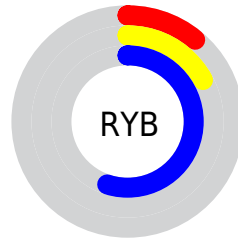
The Android color **4280102284** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4287396893**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4284308419**, and **4278190681** is the 20% darker color. If you saturate the color by 10%, you get **4279181708**, and if you desaturate by 10%, it is **4281022860**.

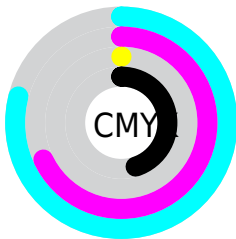
Distribution



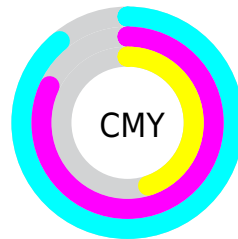
- Red (11%)
- Green (18%)
- Blue (55%)



- Red (11%)
- Yellow (17%)
- Blue (55%)



- Cyan (79%)
- Magenta (68%)
- Yellow (0%)
- Black (45%)



- Cyan (89%)
- Magenta (82%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280102284 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 4280102284 by changing the saturation by 10% instead.

 4280102284

 4280102284

4294967295

 4278196338

 4284308419

 4278190681

 4286149599

 4278191424

 4288056828

 4278190889

 4289964031

 4278190355

 4291871743

 4278190080

 4293779455

 4294966271

 4280102284

 4280102284

■ 4279181708

■ 4281022860

■ 4278261132

■ 4281943436

■ 4278195340

■ 4282864012

■ 4283784588

■ 4284705164

■ 4285625740

■ 4286546316

■ 4287466892

■ 4288387468

Harmonies

Analogous

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



4278206616



4280102284



4285202538

Triad

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



4280102284



4285210368



4278209077

Complementary

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



4280102284



4287396893

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.



4278208256



4280102284



4282922496

Square

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



4280102284



4286578704



4279714304



4278209124

Rectangle

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



4280102284



4286447692



4279714304



4278208805

Sweetspot

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



4280102284



4287271093



4280126587



4282467676



4292598747



4284243036

Same Dimension

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



4280102284



4278788789



4282654092



4282269509



4278195077



4278190341

Inverse Universe

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



4287372589



4290054434



4284845085



4282727999



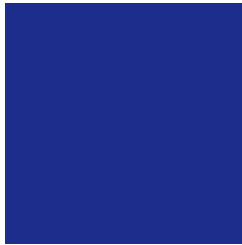
4286906387



4278517761

Previews

White Background



This preview shows how the Android color 4280102284 looks on a white background.

Color Contrast Check

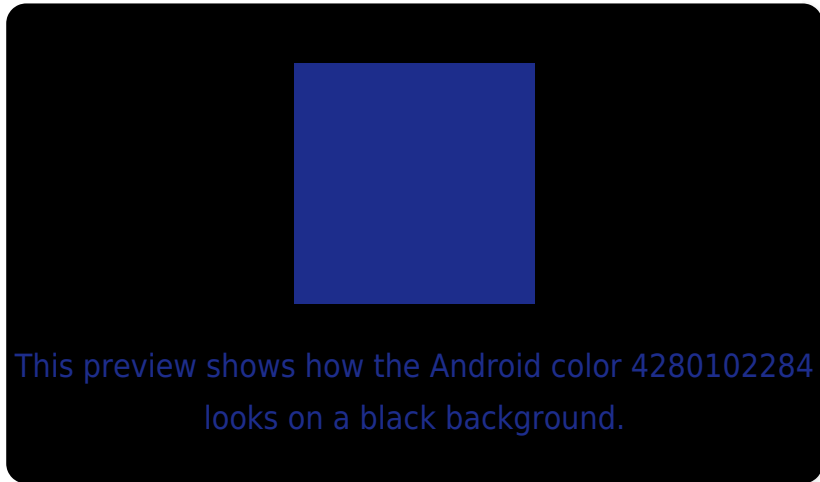
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280102284 Background



This preview shows how black text looks on a background with the Android color 4280102284.



This preview shows how white text looks on a background with the Android color 4280102284.

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

4280102284

Protanopia

4278204276

Deuteranopia

4278205027

Trichromacy



Original Color
4280102284

Protanomaly
4278924157

Deuteranomaly
4278924658

Tritanomaly
4278925406

Monochromacy



Original Color
4280102284

Achromatopsia
4281545523

Achromatomaly
4281020755

CSS Examples

Text

The CSS property to change the color of the text to Android 4280102284 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, 45, 140)` looks like.

```
.text, #text, p{  
    color:rgb(29, 45, 140)  
}
```

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, 45, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 45, 140) }
```

Border

The CSS property to change the border of an element to Android 4280102284 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, 45, 140) }
```

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

```
.border{ border-color:rgb(29, 45, 140) }
```

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

Here you see how a box with a 4 pixel rgb(29, 45, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 45, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 45, 140);  
box-shadow:4px 4px 4px 4px rgb(29, 45,  
140) }
```

Background

The CSS property to change the background color of an element to Android 4280102284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 45, 140) }
```

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

```
.background{ background-color: rgb(29, 45,  
140) }
```

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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