

Converting Colors

Android(4280619240)

Have a look what the booklet for
Android(4280619240) contains.

| | |
|--|----|
| Android(4280619240) | 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(4280619240)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2510E8 |
| RGB | 37, 16, 232 |
| RGB Percent | 15%, 6%, 91% |
| CMY | 0.8549, 0.9373, 0.0902 |
| CMYK | 0.84, 0.93, 0.00, 0.09 |
| HSL | 246°, 87%, 49% |
| HSV | 246°, 93%, 91% |
| XYZ | 15.5137, 6.5901, 76.7983 |
| YIQ | 46.9030, -56.8200, 71.6280 |

Conversions

Conversions Part 2

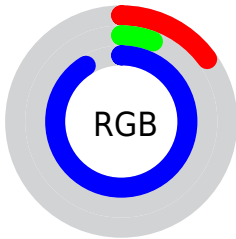
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 37, 16, 232 |
| Decimal | 2429160 |
| CIE Lab | 30.85, 71.29, -97.25 |
| CIE LCh | 31, 120.578, 306.245 |
| Yxy | 6.5901, 0.1569, 0.0666 |
| Android (android.graphics.Color) | 4280619240 (0xFF2510E8) |
| YUV | 46.9030, 91.2528, -8.6849 |
| Hunter-Lab | 25.6712, 62.9474, -159.4031 |

Details

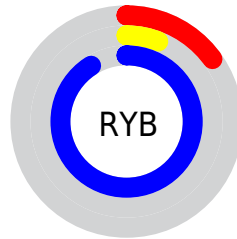
The Android color `4280619240` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4292077584`, and the grayscale version is `4281216558`.

A 20% lighter version of the original color is `4286270463`, and `4278190254` is the 20% darker color. If you saturate the color by 10%, you get `4279697640`, and if you desaturate by 10%, it is `4282001384`.

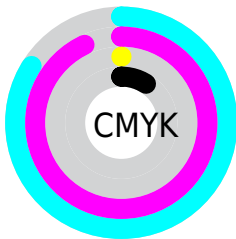
Distribution



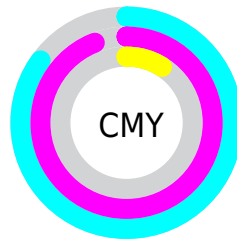
- Red (15%)
- Green (6%)
- Blue (91%)



- Red (15%)
- Yellow (6%)
- Blue (91%)



- Cyan (84%)
- Magenta (93%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (94%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280619240 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 4280619240 by changing the saturation by 10% instead.

 4280619240

 4280619240

4294967295

 4278190283

 4286270463

 4278190254

 4288505599

 4278190227

 4290675199

 4278190200

 4292779519

 4278193758

 4294883839

 4278192197

 4294956543

 4278191150

 4294963967

 4278190360

 4278190080

■ 4280619240

■ 4280619240

■ 4279697640

■ 4282001384

■ 4283383528

■ 4284765928

■ 4286148072

■ 4287530216

■ 4288912360

■ 4290294504

■ 4291676904

■ 4293059048

Harmonies

Analogous

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



4278212607



4280619240



4290510999

Triad

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



4280619240



4287763968



4278215516

Complementary

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



4280619240



4292077584

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.



4278214912



4280619240



4282928384

Square

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



4280619240



4291100672



4278213632



4278216634

Rectangle

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



4280619240



4292280409



4278213632



4278215226

Sweetspot

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



4280619240



4290754815



4279293672



4283978880



4278190080



4286611584

Same Dimension

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



4280619240



4279828735



4287500520



4285032307



4279304371



4278517811

Inverse Universe

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



4293398739



4294901990



4285196304



4285753202



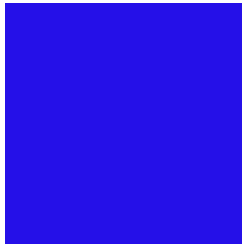
4289921185



4281532462

Previews

White Background



This preview shows how the Android color 4280619240 looks on a white background.

Color Contrast Check

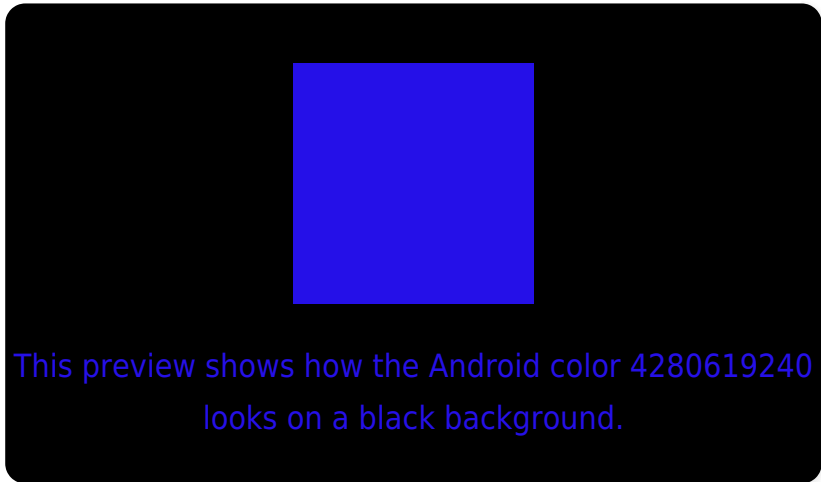
Large Text (above 18pt) WCAG AA ✓ Pass

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

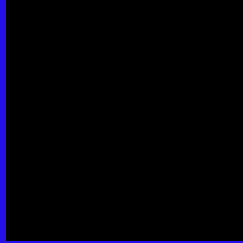
Any Text WCAG AA × Fail

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 4280619240 Background



This preview shows how black text looks on a background with the Android color 4280619240.



This preview shows how white text looks on a background with the Android color 4280619240.

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
4280619240

Protanopia
4278208147

Deuteranopia
4278209405

Trichromacy



Original Color
4280619240

Protanomaly
4279055026

Deuteranomaly
4279056036

Tritanomaly
4279056778

Monochromacy



Original Color
4280619240

Achromatopsia
4281282351

Achromatomaly
4281017458

CSS Examples

Text

The CSS property to change the color of the text to Android 4280619240 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(37, 16, 232)` looks like.

```
.text, #text, p{  
    color:rgb(37, 16, 232)  
}
```

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(37, 16, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 16, 232) }
```

Border

The CSS property to change the border of an element to Android 4280619240 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(37, 16, 232) }
```

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

```
.border{ border-color:rgb(37, 16, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 16, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 16, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 16, 232);  
box-shadow:4px 4px 4px 4px rgb(37, 16,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4280619240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 16, 232) }
```

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

```
.background{ background-color: rgb(37, 16,  
232) }
```

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