

Converting Colors

Android(4280840151)

Have a look what the booklet for
Android(4280840151) contains.

Android(4280840151)	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(4280840151)

Conversions

Conversions Part 1

Format	Color
Hex	286FD7
RGB	40, 111, 215
RGB Percent	16%, 44%, 84%
CMY	0.8431, 0.5647, 0.1569
CMYK	0.81, 0.48, 0.00, 0.16
HSL	216°, 69%, 50%
HSV	216°, 81%, 84%
XYZ	18.8253, 16.7263, 66.5263
YIQ	101.6270, -75.7000, 17.2920

Conversions

Conversions Part 2

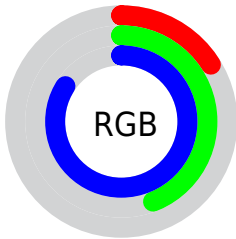
Format	Color
R_{YB}	40, 91, 215
Decimal	2650071
CIE _{Lab}	47.91, 15.97, -59.51
CIE _{LCh}	48, 61.619, 285.017
Yxy	16.7263, 0.1844, 0.1639
Android (android.graphics.Color)	4280840151 (0xFF286FD7)
YUV	101.6270, 55.8929, -54.0469
Hunter-Lab	40.8978, 10.5924, -67.8155

Details

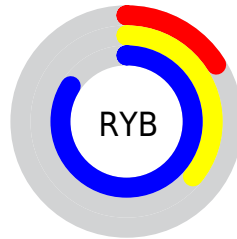
The Android color `4280840151` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292317224`, and the grayscale version is `4284835173`.

A 20% lighter version of the original color is `4285702911`, and `4278206623` is the 20% darker color. If you saturate the color by 10%, you get `4279460567`, and if you desaturate by 10%, it is `4282285271`.

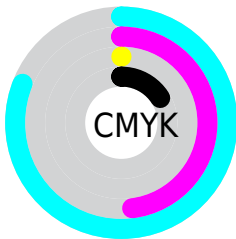
Distribution



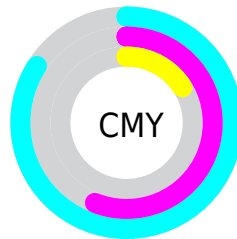
- Red (16%)
- Green (44%)
- Blue (84%)



- Red (16%)
- Yellow (36%)
- Blue (84%)



- Cyan (81%)
- Magenta (48%)
- Yellow (0%)
- Black (16%)



- Cyan (84%)
- Magenta (56%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280840151 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 4280840151 by changing the saturation by 10% instead.

■ 4280840151

■ 4280840151

4294967295

■ 4278212539

■ 4285702911

■ 4278206623

■ 4287741439

■ 4278201477

■ 4289779967

■ 4278196587

■ 4291753471

■ 4278191442

■ 4293787647

■ 4278191418

■ 4278190627

■ 4278190090

■ 4278190080

■ 4280840151

■ 4280840151

■ 4279460567

■ 4282285271

■ 4278212567

■ 4283664855

■ 4285109719

■ 4286489303

■ 4287934423

■ 4289314007

■ 4290758871

■ 4292138455

■ 4293583575

Harmonies

Analogous

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



4278222807



4280840151



4287911868

Triad

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



4280840151



4290727465



4278224981

Complementary

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



4280840151



4292317224

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.



4281369119



4280840151



4288570880

Square

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



4280840151



4291639642



4285626112



4278225291

Rectangle

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



4280840151



4290135455



4285626112



4278224451

Sweetspot

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



4280840151



4290960383



4280866702



4284181120



4278190080



4286611584

Same Dimension

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



4280840151



4278545151



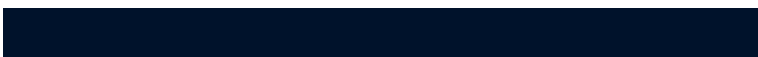
4281805015



4284507499



4278207915



4278194731

Inverse Universe

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



4292290671



4294903146



4291352360



4285227109



4289396805



4281008146

Previews

White Background



This preview shows how the Android color 4280840151 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 × Fail

Black Background



This preview shows how the Android color 4280840151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

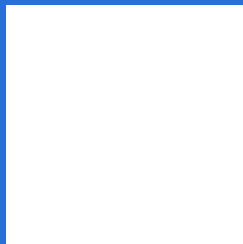
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280840151 Background



This preview shows how black text looks on a background with the Android color 4280840151.



This preview shows how white text looks on a background with the Android color 4280840151.

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

4280840151

Protanopia

4281888213

Deuteranopia

4278219722

Trichromacy



Original Color
4280840151

Protanomaly
4281495254

Deuteranomaly
4279202511

Tritanomaly
4279204259

Monochromacy



Original Color
4280840151

Achromatopsia
4284900966

Achromatomaly
4283394447

CSS Examples

Text

The CSS property to change the color of the text to Android 4280840151 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(40, 111, 215)` looks like.

```
.text, #text, p{  
    color:rgb(40, 111, 215)  
}
```

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(40, 111, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 111, 215) }
```

Border

The CSS property to change the border of an element to Android 4280840151 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(40, 111, 215) }
```

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

```
.border{ border-color:rgb(40, 111, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 111, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 111, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 111, 215);  
box-shadow:4px 4px 4px 4px rgb(40, 111,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4280840151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 111, 215) }
```

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

```
.background{ background-color: rgb(40, 111,  
215) }
```

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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