

Converting Colors

Android(4280290812)

Have a look what the booklet for
Android(4280290812) contains.

Android(4280290812)	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>	28

Color

Android(4280290812)

Conversions

Conversions Part 1

Format	Color
Hex	200DFC
RGB	32, 13, 252
RGB Percent	13%, 5%, 99%
CMY	0.8745, 0.9490, 0.0118
CMYK	0.87, 0.95, 0.00, 0.01
HSL	245°, 98%, 52%
HSV	245°, 95%, 99%
XYZ	18.3103, 7.6232, 92.6018
YIQ	45.9270, -65.3950, 78.3570

Conversions

Conversions Part 2

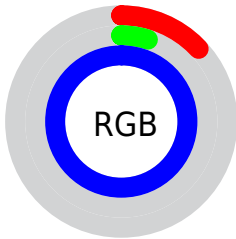
Format	Color
R_{YB}	32, 13, 252
Decimal	2100732
CIE _{Lab}	33.19, 76.77, -104.69
CIE _{LCh}	33, 129.816, 306.252
Yxy	7.6232, 0.1545, 0.0643
Android (android.graphics.Color)	4280290812 (0xFF200DFC)
YUV	45.9270, 101.5940, -12.2140
Hunter-Lab	27.6101, 70.0585, -179.5260

Details

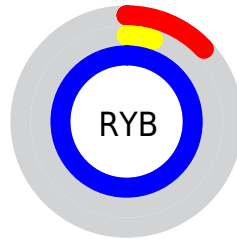
The Android color `4280290812` is a dark color, and the websafe version is hex `3300FF`. The color can be described as dark saturated blue. A complement of this color would be `4293524493`, and the grayscale version is `4281150765`.

A 20% lighter version of the original color is `4286532863`, and `4278190273` is the 20% darker color. If you saturate the color by 10%, you get `4279501052`, and if you desaturate by 10%, it is `4281804540`.

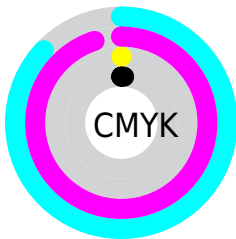
Distribution



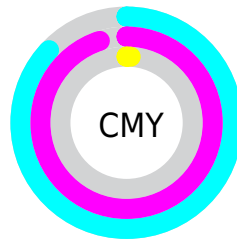
- Red (13%)
- Green (5%)
- Blue (99%)



- Red (13%)
- Yellow (5%)
- Blue (99%)



- Cyan (87%)
- Magenta (95%)
- Yellow (0%)
- Black (1%)





















- Cyan (87%)
- Magenta (95%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280290812 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 4280290812 by changing the saturation by 10% instead.

 4280290812	 4280290812
4294967295	 4278190302
 4286532863	 4278190273
 4288833791	 4278190245
 4291003391	 4278190218
 4293173247	 4278194287
 4294949887	 4278193237
 4294957311	 4278191677
 4294964735	 4278190886
	 4278190351

■ 4280290812

■ 4280290812

■ 4279501052

■ 4281804540

■ 4283318268

■ 4284897788

■ 4286411516

■ 4287925244

■ 4289438972

■ 4290952700

■ 4292532220

■ 4294045948

Harmonies

Analogous

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



4278214399



4280290812



4291494052

Triad

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



4280290812



4288484352



4278217315

Complementary

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



4280290812



4293524493

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.



4278216704



4280290812



4283257600

Square

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



4280290812



4292149248



4278215424



4278218698

Rectangle

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



4280290812



4293394528



4278215424



4278217022

Sweetspot

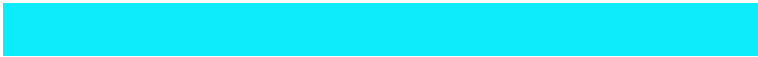
The Sweet Spot groups the original color and five complimentary colors.



4280290812



4290623743



4279102716



4283978880



4278190080



4286611584

Same Dimension

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



4280290812



4279501055



4287892988



4285624445



4279173309



4278517821

Inverse Universe

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



4294708713



4294901995



4285922317



4286410876



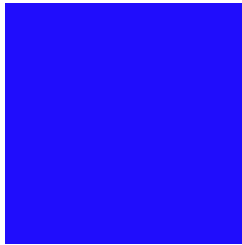
4290576558



4282187832

Previews

White Background



This preview shows how the Android color 4280290812 looks on a white background.

Color Contrast Check

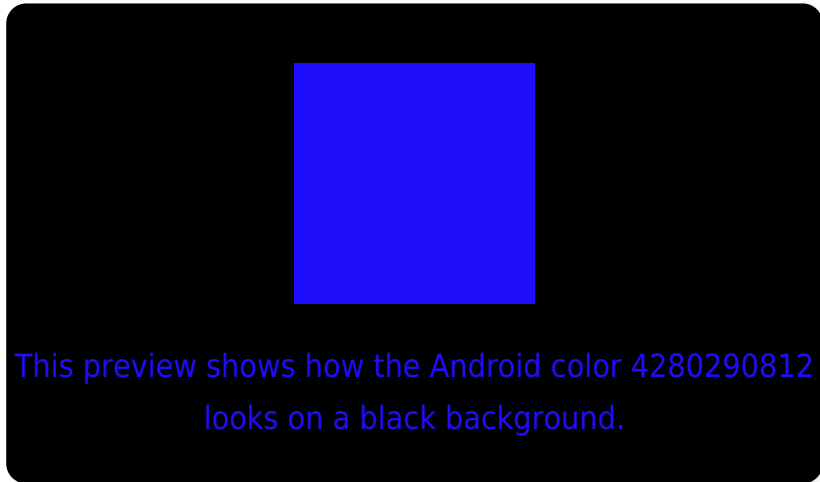
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280290812 Background



This preview shows how black text looks on a background with the Android color 4280290812.



This preview shows how white text looks on a background with the Android color 4280290812.

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
4280290812

Protanopia
4278209438

Deuteranopia
4278210693

Trichromacy



Original Color

4280290812

Protanomaly

4278990016

Deuteranomaly

4278991024

Monochromacy



Original Color

4280290812

Achromatopsia

4281216558

Achromatomaly

4280885881

CSS Examples

Text

The CSS property to change the color of the text to Android 4280290812 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(32, 13, 252)` looks like.

```
.text, #text, p{  
    color:rgb(32, 13, 252)  
}
```

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(32, 13, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 13, 252) }
```

Border

The CSS property to change the border of an element to Android 4280290812 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(32, 13, 252) }
```

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

```
.border{ border-color:rgb(32, 13, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 13, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 13, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 13, 252);  
box-shadow:4px 4px 4px 4px rgb(32, 13,  
252) }
```

Background

The CSS property to change the background color of an element to Android 4280290812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 13, 252) }
```

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

```
.background{ background-color: rgb(32, 13,  
252) }
```

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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