

Converting Colors

Android(4280242912)

Have a look what the booklet for
Android(4280242912) contains.

Android(4280242912)	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(4280242912)

Conversions

Conversions Part 1

Format	Color
Hex	1F52E0
RGB	31, 82, 224
RGB Percent	12%, 32%, 88%
CMY	0.8784, 0.6784, 0.1216
CMYK	0.86, 0.63, 0.00, 0.12
HSL	224°, 76%, 50%
HSV	224°, 86%, 88%
XYZ	17.0369, 11.7077, 71.8829
YIQ	82.9390, -75.9780, 33.3500

Conversions

Conversions Part 2

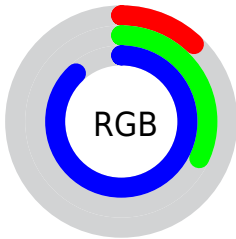
Format	Color
R_{YB}	31, 71, 224
Decimal	2052832
CIE _{Lab}	40.75, 37.31, -76.31
CIE _{LCh}	41, 84.942, 296.059
Yxy	11.7077, 0.1693, 0.1163
Android (android.graphics.Color)	4280242912 (0xFF1F52E0)
YUV	82.9390, 69.5431, -45.5505
Hunter-Lab	34.2165, 28.9988, -100.6062

Details

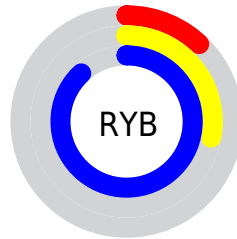
The Android color `4280242912` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4292914463`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4285694975`, and `4278199975` is the 20% darker color. If you saturate the color by 10%, you get `4278797024`, and if you desaturate by 10%, it is `4281688800`.

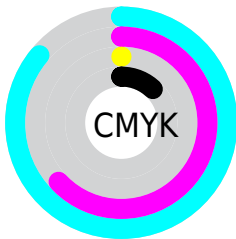
Distribution



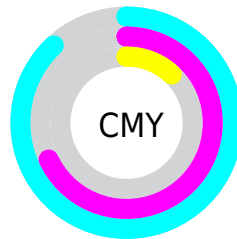
- Red (12%)
- Green (32%)
- Blue (88%)



- Red (12%)
- Yellow (28%)
- Blue (88%)



- Cyan (86%)
- Magenta (63%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (68%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280242912 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 4280242912 by changing the saturation by 10% instead.

 4280242912

 4280242912

4294967295

 4278205379

 4285694975

 4278199975

 4287798783

 4278195340

 4289902847

 4278190194

 4291941375

 4278193240

 4293980415

 4278191936

 4278190889

 4278190355

 4278190080

■ 4280242912

■ 4280242912

■ 4278797024

■ 4281688800

■ 4278205408

■ 4283200480

■ 4284646368

■ 4286158048

■ 4287603936

■ 4289050080

■ 4290561504

■ 4292007648

■ 4293519072

Harmonies

Analogous

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



4278218222



4280242912



4289074095

Triad

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



4280242912



4289737984



4278221397

Complementary

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



4280242912



4292914463

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.



4278220288



4280242912



4286470912

Square

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



4280242912



4291690537



4281888000



4278221724

Rectangle

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



4280242912



4291231876



4281888000



4278221116

Sweetspot

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



4280242912



4290629375



4280279213



4283982464



4278190080



4286611584

Same Dimension

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



4280242912



4278207487



4283178976



4284835952



4278202032



4278193456

Inverse Universe

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



4292878162



4294901827



4289978399



4285556072



4289724462



4281335821

Previews

White Background



This preview shows how the Android color 4280242912 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 4280242912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

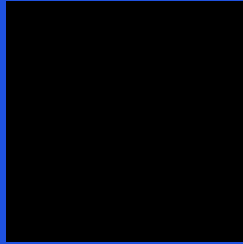
Any Text WCAG AA × Fail

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 4280242912 Background



This preview shows how black text looks on a background with the Android color 4280242912.



This preview shows how white text looks on a background with the Android color 4280242912.

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

4280242912

Protanopia

4278213826

Deuteranopia

4278215334

Trichromacy



Original Color
4280242912

Protanomaly
4278933709

Deuteranomaly
4278934715

Tritanomaly
4278935961

Monochromacy



Original Color
4280242912

Achromatopsia
4283650899

Achromatomaly
4282405766

CSS Examples

Text

The CSS property to change the color of the text to Android 4280242912 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(31, 82, 224)` looks like.

```
.text, #text, p{  
    color:rgb(31, 82, 224)  
}
```

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(31, 82, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 82, 224) }
```

Border

The CSS property to change the border of an element to Android 4280242912 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(31, 82, 224) }
```

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

```
.border{ border-color:rgb(31, 82, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 82, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 82, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 82, 224);  
box-shadow:4px 4px 4px 4px rgb(31, 82,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4280242912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 82, 224) }
```

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

```
.background{ background-color: rgb(31, 82,  
224) }
```

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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