

Converting Colors

Android(4280374015)

Have a look what the booklet for
Android(4280374015) contains.

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Color

Android(4280374015)

Conversions

Conversions Part 1

Format	Color
Hex	2152FF
RGB	33, 82, 255
RGB Percent	13%, 32%, 100%
CMY	0.8706, 0.6784, 0.0000
CMYK	0.87, 0.68, 0.00, 0.00
HSL	227°, 100%, 56%
HSV	227°, 87%, 100%
XYZ	21.6945, 13.5779, 96.0851
YIQ	87.0710, -84.7370, 43.4150

Conversions

Conversions Part 2

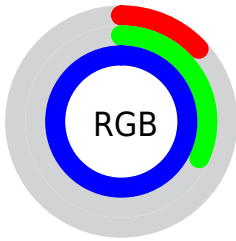
Format	Color
R _Y B	33, 73, 255
Decimal	2183935
CIE Lab	43.62, 48.58, -89.04
CIE LCh	44, 101.430, 298.616
Yxy	13.5779, 0.1652, 0.1034
Android (android.graphics.Color)	4280374015 (0xFF2152FF)
YUV	87.0710, 82.7890, -47.4203
Hunter-Lab	36.8482, 40.6079, -128.8103

Details

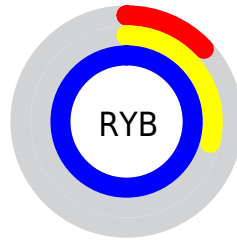
The Android color `4280374015` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4294954529`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4286285055`, and `4278200005` is the 20% darker color. If you saturate the color by 10%, you get `4278730495`, and if you desaturate by 10%, it is `4282017535`.

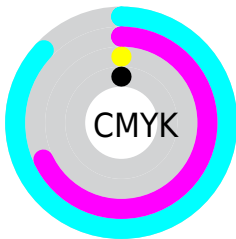
Distribution



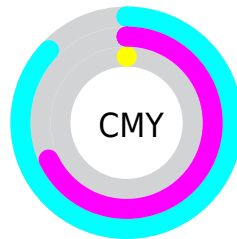
- Red (13%)
- Green (32%)
- Blue (100%)



- Red (13%)
- Yellow (29%)
- Blue (100%)



- Cyan (87%)
- Magenta (68%)
- Yellow (0%)
- Black (0%)



- Cyan (87%)
- Magenta (68%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280374015 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 4280374015 by changing the saturation by 10% instead.



4280374015



4280374015

4294967295



4278205410



4286285055



4278200005



4288519935



4278195113



4290689535



4278190733



4292793855



4278191730



4294898175



4278193497



4278191936



4278190889



4278190355

■ 4280374015

■ 4280374015

■ 4278730495

■ 4282017535

■ 4278204671

■ 4283726591

■ 4285370111

■ 4287078911

■ 4288787967

■ 4290431487

■ 4292075007

■ 4293784063

4294967295

Harmonies

Analogous

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



4278220543



4280374015



4290838721

Triad

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



4280374015



4290721024



4278224225

Complementary

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



4280374015



4294954529

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.



4278223104



4280374015



4286735104

Square

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



4280374015



4293328926



4280317952



4278224567

Rectangle

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



4280374015



4293197963



4280317952



4278223939

Sweetspot

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



4280374015



4290628607



4280418251



4283982208



4278190080



4286611584

Same Dimension

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



4280374015



4278204671



4284228095



4285757056



4278201023



4278193728

Inverse Universe

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



4294910290



4294901816



4291100449



4286608246



4290707498



4282384398

Previews

White Background



This preview shows how the Android color 4280374015 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 4280374015 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 4280374015 Background



This preview shows how black text looks on a background with the Android color 4280374015.



This preview shows how white text looks on a background with the Android color 4280374015.

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
4280374015

Protanopia
4278215375

Deuteranopia
4278217137

Trichromacy



Original Color
4280374015

Protanomaly
4279000288

Deuteranomaly
4279001549

Tritanomaly
4279002793

Monochromacy



Original Color
4280374015

Achromatopsia
4283914071

Achromatomaly
4282602900

CSS Examples

Text

The CSS property to change the color of the text to Android 4280374015 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(33, 82, 255)` looks like.

```
.text, #text, p{  
    color:rgb(33, 82, 255)  
}
```

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(33, 82, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 82, 255) }
```

Border

The CSS property to change the border of an element to Android 4280374015 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(33, 82, 255) }
```

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

```
.border{ border-color:rgb(33, 82, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 82, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 82, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 82, 255);  
box-shadow:4px 4px 4px 4px rgb(33, 82,  
255) }
```

Background

The CSS property to change the background color of an element to Android 4280374015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 82, 255) }
```

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

```
.background{ background-color: rgb(33, 82,  
255) }
```

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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