

Converting Colors

Android(4282866411)

Have a look what the booklet for
Android(4282866411) contains.

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Color

Android(4282866411)

Conversions

Conversions Part 1

Format	Color
Hex	475AEB
RGB	71, 90, 235
RGB Percent	28%, 35%, 92%
CMY	0.7216, 0.6471, 0.0784
CMYK	0.70, 0.62, 0.00, 0.08
HSL	233°, 80%, 60%
HSV	233°, 70%, 92%
XYZ	21.2501, 14.6501, 80.3050
YIQ	100.8490, -57.8690, 41.0670

Conversions

Conversions Part 2

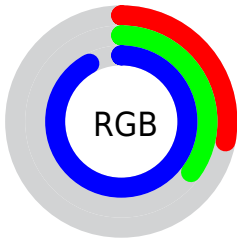
Format	Color
R_{YB}	71, 88, 235
Decimal	4676331
CIE _{Lab}	45.15, 39.88, -75.27
CIE _{LCh}	45, 85.181, 297.919
Y _{xy}	14.6501, 0.1829, 0.1261
Android (android.graphics.Color)	4282866411 (0xFF475AEB)
YUV	100.8490, 66.1364, -26.1776
Hunter-Lab	38.2754, 32.1192, -97.6025

Details

The Android color `4282866411` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark muted blue. A complement of this color would be `4293646407`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4287270143`, and `4278201778` is the 20% darker color. If you saturate the color by 10%, you get `4281353707`, and if you desaturate by 10%, it is `4284379115`.

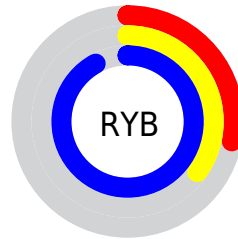
Distribution



Red (28%)

Green (35%)

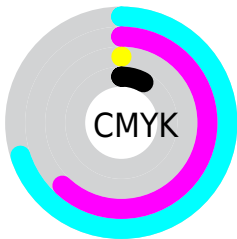
Blue (92%)



Red (28%)

Yellow (35%)

Blue (92%)

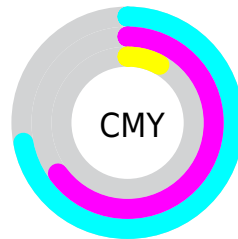


Cyan (70%)

Magenta (62%)

Yellow (0%)

Black (8%)



Cyan (72%)

Magenta (65%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282866411 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 4282866411 by changing the saturation by 10% instead.

 4282866411

 4282866411

4294967295

 4279452622

 4287270143

 4278201778

 4289373951

 4278196630

 4291347199

 4278191996

 4293385983

 4278190434

 4294966015

 4278192457

 4278191153

 4278190363

 4278190080

■ 4282866411

■ 4282866411

■ 4281353707

■ 4284379115

■ 4279775467

■ 4285957355

■ 4278197483

■ 4287469803

■ 4278197227

■ 4289048043

■ 4290560747

■ 4292138987

■ 4293716971

■ 4294967275

Harmonies

Analogous

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



4278220796



4282866411



4290191800

Triad

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



4282866411



4290462720



4278224484

Complementary

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



4282866411



4293646407

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.



4278223374



4282866411



4287063808

Square

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



4282866411



4292608046



4282349824



4278224812

Rectangle

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



4282866411



4292280459



4282349824



4278224202

Sweetspot

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



4282866411



4291416319



4282903512



4284507008



4278190080



4286611584

Same Dimension

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



4282866411



4280894207



4286990315



4285164405



4278195637



4278191670

Inverse Universe

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



4293609306



4294912322



4289522503



4285885035



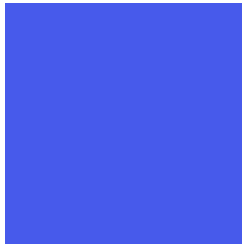
4290052117



4281729030

Previews

White Background



This preview shows how the Android color 4282866411 looks on a white background.

Color Contrast Check

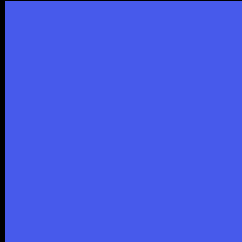
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282866411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

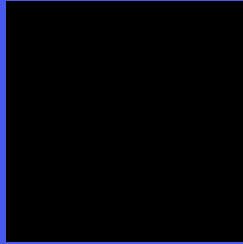
Any Text WCAG AA × Fail

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 4282866411 Background



This preview shows how black text looks on a background with the Android color 4282866411.



This preview shows how white text looks on a background with the Android color 4282866411.

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

4282866411

Protanopia

4278216409

Deuteranopia

4278218170

Trichromacy



Original Color
4282866411

Protanomaly
4279919328

Deuteranomaly
4279920332

Tritanomaly
4279921830

Monochromacy



Original Color
4282866411

Achromatopsia
4284835173

Achromatomaly
4284113302

CSS Examples

Text

The CSS property to change the color of the text to Android 4282866411 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(71, 90, 235)` looks like.

```
.text, #text, p{  
    color:rgb(71, 90, 235)  
}
```

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(71, 90, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 90, 235) }
```

Border

The CSS property to change the border of an element to Android 4282866411 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(71, 90, 235) }
```

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

```
.border{ border-color:rgb(71, 90, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 90, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 90, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 90, 235);  
box-shadow:4px 4px 4px 4px rgb(71, 90,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4282866411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 90, 235) }
```

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

```
.background{ background-color: rgb(71, 90,  
235) }
```

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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