

Converting Colors

Android(4282872245)

Have a look what the booklet for
Android(4282872245) contains.

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Color

Android(4282872245)

Conversions

Conversions Part 1

Format	Color
Hex	4771B5
RGB	71, 113, 181
RGB Percent	28%, 44%, 71%
CMY	0.7216, 0.5569, 0.2902
CMYK	0.61, 0.38, 0.00, 0.29
HSL	217°, 44%, 49%
HSV	217°, 61%, 71%
XYZ	16.8442, 16.4860, 46.0104
YIQ	108.1940, -46.8600, 12.2440

Conversions

Conversions Part 2

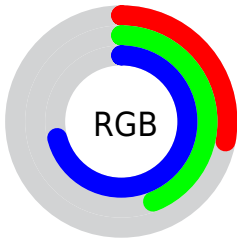
Format	Color
R_{YB}	71, 101, 181
Decimal	4682165
CIE Lab	47.61, 6.69, -40.42
CIE LCh	48, 40.966, 279.394
Yxy	16.4860, 0.2123, 0.2078
Android (android.graphics.Color)	4282872245 (0xFF4771B5)
YUV	108.1940, 35.8934, -32.6191
Hunter-Lab	40.6030, 2.9954, -38.7640

Details

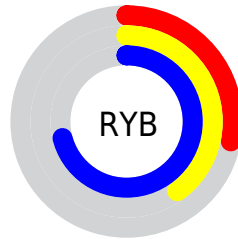
The Android color `4282872245` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4290087751`, and the grayscale version is `4285295724`.

A 20% lighter version of the original color is `4286620909`, and `4278207104` is the 20% darker color. If you saturate the color by 10%, you get `4281689781`, and if you desaturate by 10%, it is `4284054709`.

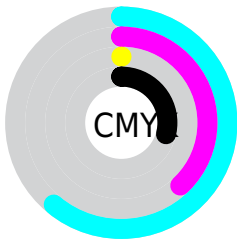
Distribution



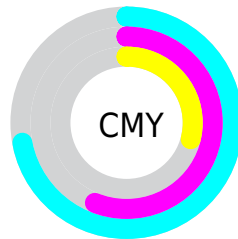
- Red (28%)
- Green (44%)
- Blue (71%)



- Red (28%)
- Yellow (40%)
- Blue (71%)



- Cyan (61%)
- Magenta (38%)
- Yellow (0%)
- Black (29%)



- Cyan (72%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282872245 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 4282872245 by changing the saturation by 10% instead.



4282872245



4282872245

4294967295



4280768922



4286620909



4278207104



4288462847



4278201446



4290370559



4278196302



4292278527



4278191414



4294246399



4278190624



4278190084



4278190080



4282872245



4282872245

■ 4281689781

■ 4284054709

■ 4280507317

■ 4285237173

■ 4279324597

■ 4286419893

■ 4278207925

■ 4287602357

■ 4288850357

■ 4290032821

■ 4291215285

■ 4292398005

■ 4293580469

Harmonies

Analogous

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



4278221745



4282872245



4286735271

Triad

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



4282872245



4289485383



4279992407

Complementary

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



4282872245



4290087751

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.



4283792185



4282872245



4288177711

Square

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



4282872245



4289811303



4286214953



4278223483

Rectangle

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



4282872245



4288371605



4286214953



4281696076

Sweetspot

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



4282872245



4290826475



4282889611



4284179829



4294309365



4285887861

Same Dimension

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



4282872245



4282352107



4283713461



4283454553



4278205081



4278192666

Inverse Universe

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



4290070385



4293607297



4289246535



4284043348



4288217146



4279894026

Previews

White Background



This preview shows how the Android color 4282872245 looks on a white background.

Color Contrast Check

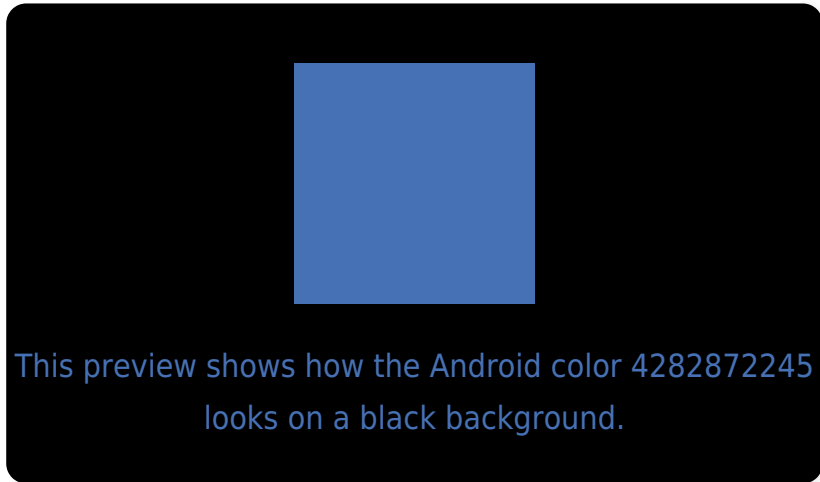
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4282872245 Background



This preview shows how black text looks on a background with the Android color 4282872245.

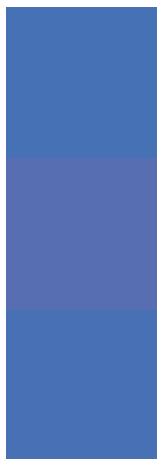


This preview shows how white text looks on a background with the Android color 4282872245.

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

4282872245

Protanopia

4283920051

Deuteranopia

4282937781

Trichromacy



Original Color
4282872245

Protanomaly
4283527092

Deuteranomaly
4282937781

Tritanomaly
4281956246

Monochromacy



Original Color
4282872245

Achromatopsia
4285295724

Achromatomaly
4284444295

CSS Examples

Text

The CSS property to change the color of the text to Android 4282872245 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, 113, 181)` looks like.

```
.text, #text, p{  
    color:rgb(71, 113, 181)  
}
```

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, 113, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 113, 181) }
```

Border

The CSS property to change the border of an element to Android 4282872245 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, 113, 181) }
```

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

```
.border{ border-color:rgb(71, 113, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 113, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 113, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 113, 181);  
box-shadow:4px 4px 4px 4px rgb(71, 113,  
181) }
```

Background

The CSS property to change the background color of an element to Android 4282872245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 113, 181) }
```

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

```
.background{ background-color: rgb(71, 113,  
181) }
```

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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