

Converting Colors

Android(4282660322)

Have a look what the booklet for
Android(4282660322) contains.

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Color

Android(4282660322)

Conversions

Conversions Part 1

Format	Color
Hex	4435E2
RGB	68, 53, 226
RGB Percent	27%, 21%, 89%
CMY	0.7333, 0.7922, 0.1137
CMYK	0.70, 0.77, 0.00, 0.11
HSL	245°, 75%, 55%
HSV	245°, 77%, 89%
XYZ	17.3845, 9.2661, 72.8238
YIQ	77.2070, -46.5930, 56.9830

Conversions

Conversions Part 2

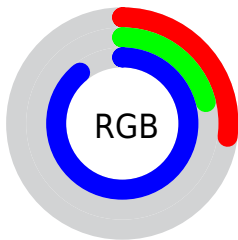
Format	Color
R _{YB}	68, 53, 226
Decimal	4470242
CIE _{Lab}	36.49, 57.56, -84.40
CIE _{LCh}	36, 102.162, 304.295
Yxy	9.2661, 0.1748, 0.0932
Android (android.graphics.Color)	4282660322 (0xFF4435E2)
YUV	77.2070, 73.3549, -8.0745
Hunter-Lab	30.4403, 48.6707, -120.5339

Details

The Android color `4282660322` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark washed blue. A complement of this color would be `4292076085`, and the grayscale version is `4283256141`.

A 20% lighter version of the original color is `4287195135`, and `4278190249` is the 20% darker color. If you saturate the color by 10%, you get `4281278178`, and if you desaturate by 10%, it is `4284042466`.

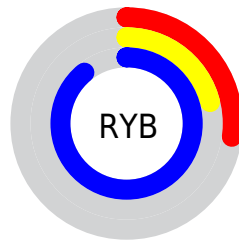
Distribution



Red (27%)

Green (21%)

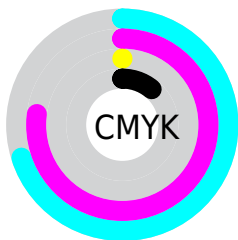
Blue (89%)



Red (27%)

Yellow (21%)

Blue (89%)

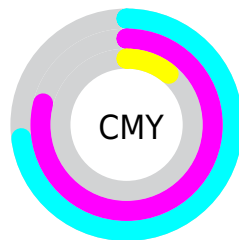


Cyan (70%)

Magenta (77%)

Yellow (0%)

Black (11%)



Cyan (73%)

Magenta (79%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282660322 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 4282660322 by changing the saturation by 10% instead.

 4282660322

 4282660322

4294967295

 4278656197

 4287195135

 4278190249

 4289298943

 4278190222

 4291337471

 4278190195

 4293376255

 4278193497

 4294956287

 4278191937

 4294963711

 4278190890

 4278190356

 4278190080

■ 4282660322

■ 4282660322

■ 4281278178

■ 4284042466

■ 4279961826

■ 4285358818

■ 4279501026

■ 4286740962

■ 4288122850

■ 4289439458

■ 4290821602

■ 4292137954

■ 4293520098

■ 4294901730

Harmonies

Analogous

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



4278215167



4282660322



4290314399

Triad

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



4282660322



4288622336



4278219104

Complementary

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



4282660322



4292076085

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.



4278218240



4282660322



4284438528

Square

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



4282660322



4291493888



4278216704



4278219699

Rectangle

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



4282660322



4292083818



4278216704



4278218819

Sweetspot

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



4282660322



4291413247



4281717986



4284439680



4278190080



4286611584

Same Dimension

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



4282660322



4280882431



4288296418



4284900720



4279173296



4278452272

Inverse Universe

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



4293014995



4294907115



4286439989



4285556079



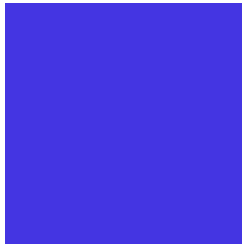
4289724577



4281335852

Previews

White Background



This preview shows how the Android color 4282660322 looks on a white background.

Color Contrast Check

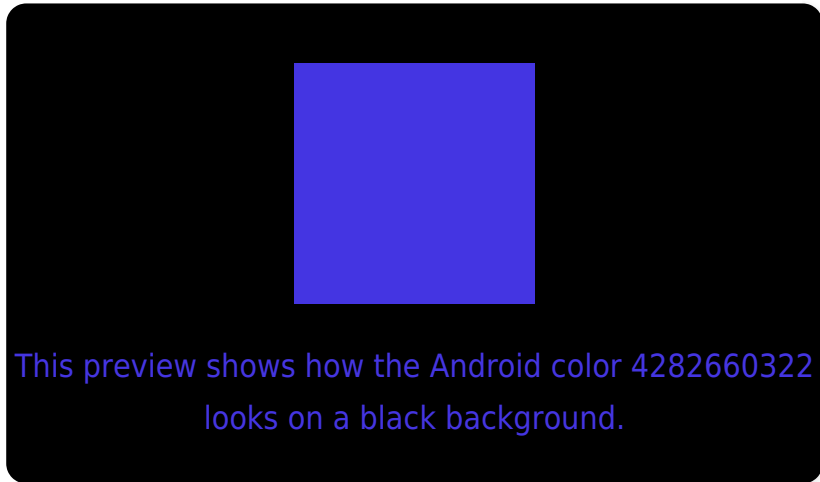
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282660322 Background



This preview shows how black text looks on a background with the Android color 4282660322.



This preview shows how white text looks on a background with the Android color 4282660322.

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

4282660322

Protanopia

4278211245

Deuteranopia

4278212756

Trichromacy



Original Color
4282660322

Protanomaly
4279846848

Deuteranomaly
4279847856

Tritanomaly
4279849106

Monochromacy



Original Color
4282660322

Achromatopsia
4283256141

Achromatomaly
4283057283

CSS Examples

Text

The CSS property to change the color of the text to Android 4282660322 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(68, 53, 226)` looks like.

```
.text, #text, p{  
    color:rgb(68, 53, 226)  
}
```

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(68, 53, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 53, 226) }
```

Border

The CSS property to change the border of an element to Android 4282660322 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(68, 53, 226) }
```

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

```
.border{ border-color:rgb(68, 53, 226) }
```

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

Here you see how a box with a 4 pixel rgb(68, 53, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 53, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 53, 226);  
box-shadow:4px 4px 4px 4px rgb(68, 53,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4282660322 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 53, 226) }
```

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

```
.background{ background-color: rgb(68, 53,  
226) }
```

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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