

Converting Colors

Android(4282996434)

Have a look what the booklet for
Android(4282996434) contains.

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Color

Android(4282996434)

Conversions

Conversions Part 1

Format	Color
Hex	4956D2
RGB	73, 86, 210
RGB Percent	29%, 34%, 82%
CMY	0.7137, 0.6627, 0.1765
CMYK	0.65, 0.59, 0.00, 0.18
HSL	234°, 60%, 55%
HSV	234°, 65%, 82%
XYZ	17.7083, 12.7252, 62.4956
YIQ	96.2490, -47.5520, 35.8080

Conversions

Conversions Part 2

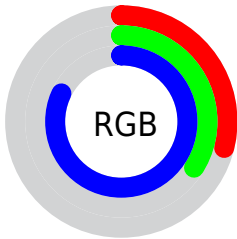
Format	Color
R_{YB}	73, 85, 210
Decimal	4806354
CIE _{Lab}	42.35, 34.08, -65.61
CIE _{LCh}	42, 73.937, 297.447
Yxy	12.7252, 0.1906, 0.1369
Android (android.graphics.Color)	4282996434 (0xFF4956D2)
YUV	96.2490, 56.0792, -20.3894
Hunter-Lab	35.6724, 26.1834, -78.9015

Details

The Android color `4282996434` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4292003145`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4287072511`, and `4278200730` is the 20% darker color. If you saturate the color by 10%, you get `4281615314`, and if you desaturate by 10%, it is `4284377554`.

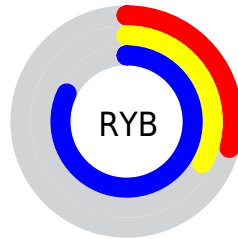
Distribution



Red (29%)

Green (34%)

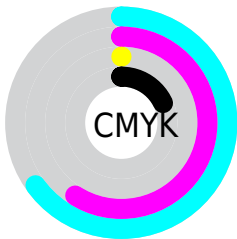
Blue (82%)



Red (29%)

Yellow (33%)

Blue (82%)

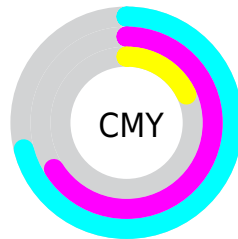


Cyan (65%)

Magenta (59%)

Yellow (0%)

Black (18%)



Cyan (71%)

Magenta (66%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282996434 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 4282996434 by changing the saturation by 10% instead.

 4282996434

 4282996434

4294967295

 4280434614

 4287072511

 4278200730

 4289045247

 4278195584

 4291018239

 4278190182

 4292991487

 4278192461

 4294964735

 4278191413

 4278190623

 4278190082

 4278190080

■ 4282996434

■ 4282996434

■ 4281615314

■ 4284377554

■ 4280234194

■ 4285758674

■ 4278853074

■ 4287139794

■ 4278195410

■ 4288520914

■ 4289902034

■ 4291283154

■ 4292664274

■ 4294045394

■ 4294967250

Harmonies

Analogous

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



4278218464



4282996434



4289015207

Triad

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



4282996434



4289413888



4278221917

Complementary

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



4282996434



4292003145

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.



4278221080



4282996434



4286537728

Square

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



4282996434



4291236144



4282544128



4278222235

Rectangle

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



4282996434



4290838656



4282544128



4278221639

Sweetspot

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



4282996434



4291613183



4283028164



4284572800



4278190080



4286611584

Same Dimension

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



4282996434



4281879551



4286597586



4284374889



4278194344



4278191145

Inverse Universe

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



4291971414



4294916171



4288401993



4285095519



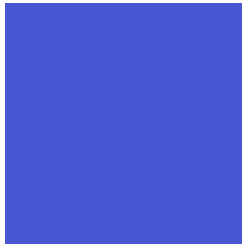
4289200144



4280877060

Previews

White Background



This preview shows how the Android color 4282996434 looks on a white background.

Color Contrast Check

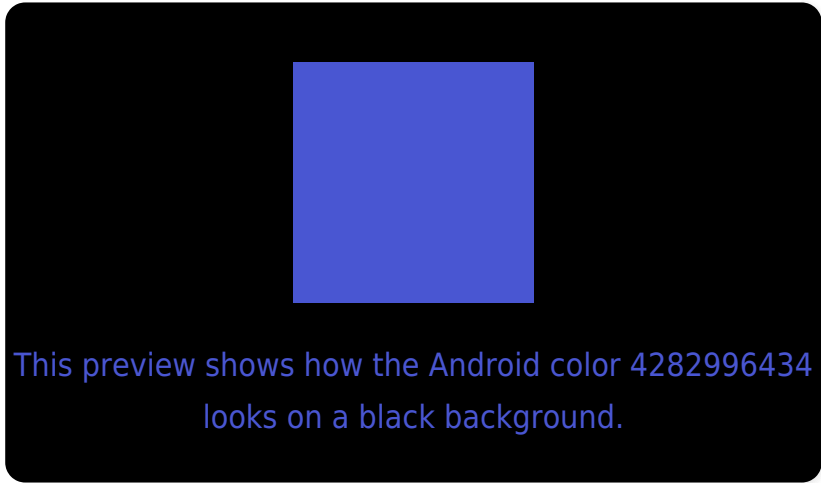
Large Text (above 18pt) WCAG AA ✓ Pass

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

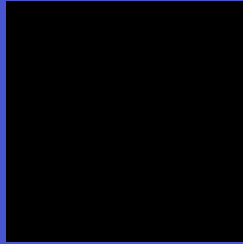
Any Text WCAG AA × Fail

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 4282996434 Background



This preview shows how black text looks on a background with the Android color 4282996434.

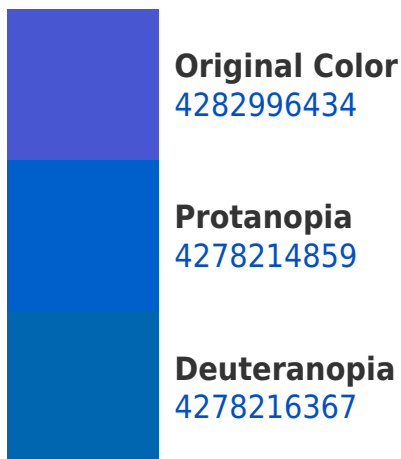


This preview shows how white text looks on a background with the Android color 4282996434.

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



Trichromacy



Original Color
4282996434

Protanomaly
4279983310

Deuteranomaly
4279984316

Tritanomaly
4279985560

Monochromacy



Original Color
4282996434

Achromatopsia
4284506208

Achromatomaly
4283980937

CSS Examples

Text

The CSS property to change the color of the text to Android 4282996434 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(73, 86, 210)` looks like.

```
.text, #text, p{  
    color:rgb(73, 86, 210)  
}
```

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(73, 86, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 86, 210) }
```

Border

The CSS property to change the border of an element to Android 4282996434 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(73, 86, 210) }
```

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

```
.border{ border-color:rgb(73, 86, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 86, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 86, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 86, 210);  
box-shadow:4px 4px 4px 4px rgb(73, 86,  
210) }
```

Background

The CSS property to change the background color of an element to Android 4282996434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 86, 210) }
```

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

```
.background{ background-color: rgb(73, 86,  
210) }
```

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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