

Converting Colors

Android(4282801877)

Have a look what the booklet for
Android(4282801877) contains.

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Color

Android(4282801877)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 465ED5 |
| RGB | 70, 94, 213 |
| RGB Percent | 27%, 37%, 84% |
| CMY | 0.7255, 0.6314, 0.1647 |
| CMYK | 0.67, 0.56, 0.00, 0.16 |
| HSL | 230°, 63%, 55% |
| HSV | 230°, 67%, 84% |
| XYZ | 18.5387, 14.1116, 64.6975 |
| YIQ | 100.3900, -52.5030, 31.9210 |

Conversions

Conversions Part 2

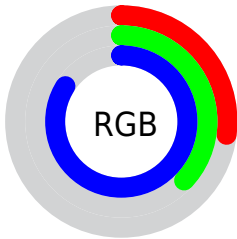
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 70, 91, 213 |
| Decimal | 4611797 |
| CIELab | 44.39, 29.66, -64.02 |
| CIELCh | 44, 70.551, 294.856 |
| Yxy | 14.1116, 0.1904, 0.1450 |
| Android (android.graphics.Color) | 4282801877 (0xFF465ED5) |
| YUV | 100.3900, 55.5167, -26.6520 |
| Hunter-Lab | 37.5654, 22.3513, -75.8172 |

Details

The Android color `4282801877` 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 `4292197702`, and the grayscale version is `4284769380`.

A 20% lighter version of the original color is `4286943487`, and `4278202781` is the 20% darker color. If you saturate the color by 10%, you get `4281421013`, and if you desaturate by 10%, it is `4284182741`.

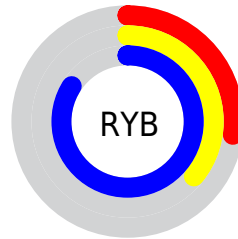
Distribution



Red (27%)

Green (37%)

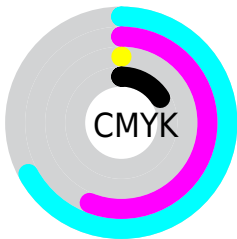
Blue (84%)



Red (27%)

Yellow (36%)

Blue (84%)

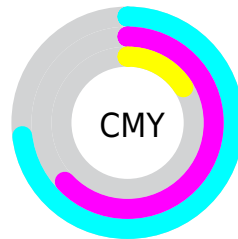


Cyan (67%)

Magenta (56%)

Yellow (0%)

Black (16%)



Cyan (73%)

Magenta (63%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282801877 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 4282801877 by changing the saturation by 10% instead.

■ 4282801877

■ 4282801877

4294967295

■ 4280043449

■ 4286943487

■ 4278202781

■ 4288916223

■ 4278197634

■ 4290889471

■ 4278192489

■ 4292862719

■ 4278191696

4294901503

■ 4278191416

■ 4278190625

■ 4278190086

■ 4278190080

■ 4282801877

■ 4282801877

■ 4281421013

■ 4284182741

■ 4279974869

■ 4285628885

■ 4278594005

■ 4287009749

■ 4278199509

■ 4288390613

■ 4289837013

■ 4291217621

■ 4292598485

■ 4293979349

■ 4294966997

Harmonies

Analogous

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



4278219999



4282801877



4288953518

Triad

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



4282801877



4289873920



4278223197

Complementary

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



4282801877



4292197702

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.



4278222108



4282801877



4287128320

Square

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



4282801877



4291502652



4283462656



4278223513

Rectangle

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



4282801877



4290846857



4283462656



4278222920

Sweetspot

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



4282801877



4291614207



4282832315



4284573312



4278190080



4286611584

Same Dimension

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



4282801877



4281357311



4285744853



4284506731



4278197675



4278191915

Inverse Universe

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



4292167262



4294914131



4289254726



4285227106



4289396765



4281008135

Previews

White Background



This preview shows how the Android color 4282801877 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 4282801877 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

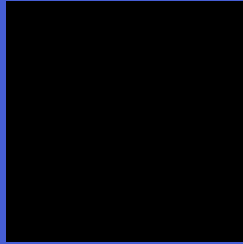
Any Text WCAG AA × Fail

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 4282801877 Background



This preview shows how black text looks on a background with the Android color 4282801877.



This preview shows how white text looks on a background with the Android color 4282801877.

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
4282801877

Protanomaly
4279853782

Deuteranomaly
4279854787

Tritanomaly
4279856285

Monochromacy



Original Color
4282801877

Achromatopsia
4284769380

Achromatomaly
4284048013

CSS Examples

Text

The CSS property to change the color of the text to Android 4282801877 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(70, 94, 213)` looks like.

```
.text, #text, p{  
    color:rgb(70, 94, 213)  
}
```

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(70, 94, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 94, 213) }
```

Border

The CSS property to change the border of an element to Android 4282801877 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(70, 94, 213) }
```

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

```
.border{ border-color:rgb(70, 94, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 94, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 94, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 94, 213);  
box-shadow:4px 4px 4px 4px rgb(70, 94,  
213) }
```

Background

The CSS property to change the background color of an element to Android 4282801877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 94, 213) }
```

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

```
.background{ background-color: rgb(70, 94,  
213) }
```

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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