

Converting Colors

Android(4284702410)

Have a look what the booklet for
Android(4284702410) contains.

Android(4284702410)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4284702410)

Conversions

Conversions Part 1

Format	Color
Hex	635ECA
RGB	99, 94, 202
RGB Percent	39%, 37%, 79%
CMY	0.6118, 0.6314, 0.2078
CMYK	0.51, 0.53, 0.00, 0.21
HSL	243°, 50%, 58%
HSV	243°, 53%, 79%
XYZ	19.8090, 14.9223, 57.7134
YIQ	107.8070, -31.6880, 34.6480

Conversions

Conversions Part 2

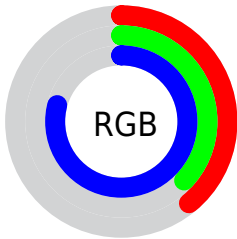
Format	Color
R _Y B	99, 94, 202
Decimal	6512330
CIE Lab	45.53, 31.24, -55.78
CIE LCh	46, 63.929, 299.253
Yxy	14.9223, 0.2143, 0.1614
Android (android.graphics.Color)	4284702410 (0xFF635ECA)
YUV	107.8070, 46.4371, -7.7237
Hunter-Lab	38.6294, 23.9324, -61.5402

Details

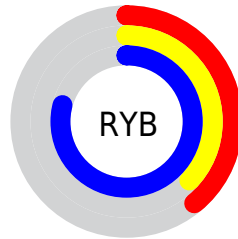
The Android color `4284702410` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted purple. A complement of this color would be `4291152478`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4288451071`, and `4280627347` is the 20% darker color. If you saturate the color by 10%, you get `4283452106`, and if you desaturate by 10%, it is `4285952714`.

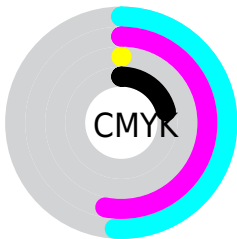
Distribution



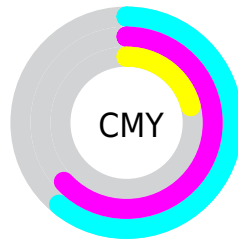
- Red (39%)
- Green (37%)
- Blue (79%)



- Red (39%)
- Yellow (37%)
- Blue (79%)



- Cyan (51%)
- Magenta (53%)
- Yellow (0%)
- Black (21%)



- Cyan (61%)
- Magenta (63%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284702410 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 4284702410 by changing the saturation by 10% instead.

■ 4284702410

■ 4284702410

4294967295

■ 4282795694

■ 4288451071

■ 4280627347

■ 4290358271

■ 4278197113

■ 4292265727

■ 4278191711

■ 4294239231

■ 4278190151

■ 4278191151

■ 4278190362

■ 4278190080

■ 4284702410

■ 4284702410

 4283452106

 4285952714

 4282136266

 4287268554


 4280885706

 4288519114

 4279635402

 4289769418

 4278780106

 4291019722

 4292335562

 4293585866

 4294836170

 4294967242

Harmonies

Analogous

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



4278219736



4284702410



4289282467

Triad

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



4284702410



4289483520



4278223721

Complementary

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



4284702410



4291152478

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.



4278222641



4284702410



4286867712

Square

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



4284702410



4291114811



4283398144



4278223775

Rectangle

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



4284702410



4290785409



4283398144



4278223446

Sweetspot

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



4284702410



4292400895



4284401354



4285032320



4278190080



4286611584

Same Dimension

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



4284702410



4284701951



4288175818



4284243046



4278714534



4278321190

Inverse Universe

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



4291452613



4294925559



4287679070



4284898406



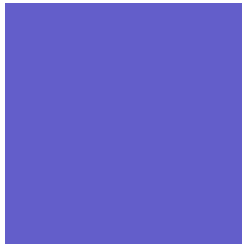
4289069214



4280680484

Previews

White Background



This preview shows how the Android color 4284702410 looks on a white background.

Color Contrast Check

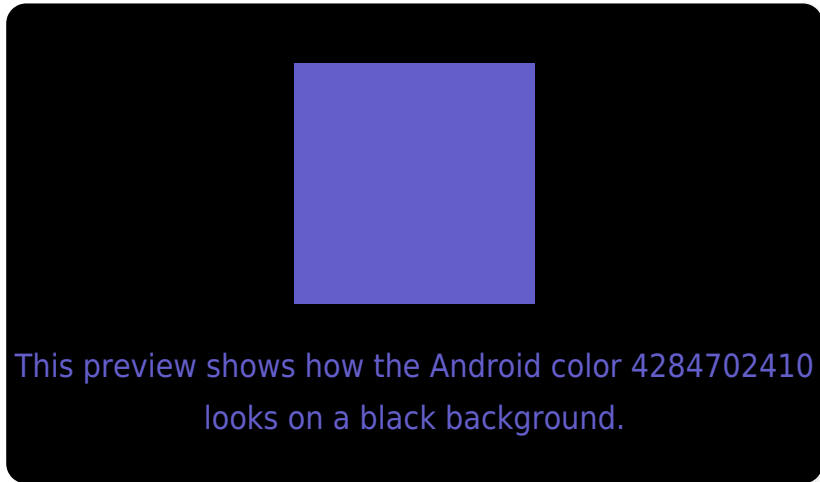
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284702410 Background



This preview shows how black text looks on a background with the Android color 4284702410.



This preview shows how white text looks on a background with the Android color 4284702410.

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
4284702410

Protanomaly
4282148049

Deuteranomaly
4280576196

Tritanomaly
4283657112

Monochromacy



Original Color
4284702410

Achromatopsia
4285295724

Achromatomaly
4285097870

CSS Examples

Text

The CSS property to change the color of the text to Android 4284702410 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(99, 94, 202)` looks like.

```
.text, #text, p{  
    color:rgb(99, 94, 202)  
}
```

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(99, 94, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 94, 202) }
```

Border

The CSS property to change the border of an element to Android 4284702410 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(99, 94, 202) }
```

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

```
.border{ border-color:rgb(99, 94, 202) }
```

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

Here you see how a box with a 4 pixel rgb(99, 94, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 94, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 94, 202);  
box-shadow:4px 4px 4px 4px rgb(99, 94,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4284702410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 94, 202) }
```

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

```
.background{ background-color: rgb(99, 94,  
202) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor