

Converting Colors

Android(4283452646)

Have a look what the booklet for
Android(4283452646) contains.

Android(4283452646)	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(4283452646)

Conversions

Conversions Part 1

Format	Color
Hex	504CE6
RGB	80, 76, 230
RGB Percent	31%, 30%, 90%
CMY	0.6863, 0.7020, 0.0980
CMYK	0.65, 0.67, 0.00, 0.10
HSL	242°, 75%, 60%
HSV	242°, 67%, 90%
XYZ	20.1756, 12.5875, 76.2292
YIQ	94.7520, -47.0500, 48.7420

Conversions

Conversions Part 2

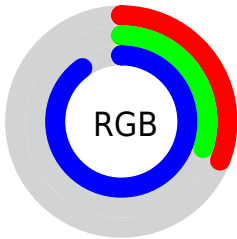
Format	Color
R_{YB}	80, 76, 230
Decimal	5262566
CIE _{Lab}	42.14, 47.68, -77.36
CIE _{LCh}	42, 90.871, 301.649
Yxy	12.5875, 0.1851, 0.1155
Android (android.graphics.Color)	4283452646 (0xFF504CE6)
YUV	94.7520, 66.6773, -12.9375
Hunter-Lab	35.4789, 39.4187, -102.5539

Details

The Android color `4283452646` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4293060172`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4287725311`, and `4278197933` is the 20% darker color. If you saturate the color by 10%, you get `4282004966`, and if you desaturate by 10%, it is `4284900326`.

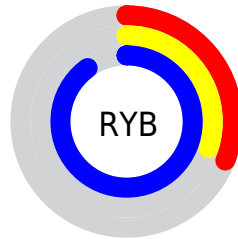
Distribution



Red (31%)

Green (30%)

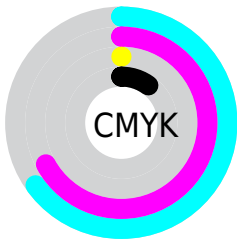
Blue (90%)



Red (31%)

Yellow (30%)

Blue (90%)

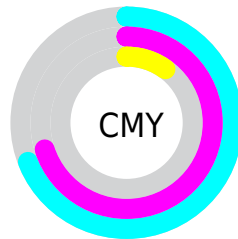


Cyan (65%)

Magenta (67%)

Yellow (0%)

Black (10%)



Cyan (69%)

Magenta (70%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283452646 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 4283452646 by changing the saturation by 10% instead.

 4283452646

 4283452646

4294967295

 4280693961

 4287725311

 4278197933

 4289763583

 4278192274

 4291802111

 4278190199

 4293775359

 4278190941

 4294962175

 4278192196

 4278190893


 4278190360

 4278190080

 4283452646

 4283452646

 4282004966

 4284900326

 4280491750

 4286413542

 4279044070

 4287861222

 4278583526

 4289374438

 4290822118

 4292269798

 4293783014

 4294967270

Harmonies

Analogous

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



4278218493



4283452646



4290445484

Triad

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



4283452646



4289675008



4278222694

Complementary

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



4283452646



4293060172

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.



4278221834



4283452646



4285948672

Square

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



4283452646



4292149274



4280120320



4278223025

Rectangle

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



4283452646



4292280444



4280120320



4278222411

Sweetspot

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



4283452646



4291677439



4283229158



4284637568



4278190080



4286611584

Same Dimension

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



4283452646



4281873407



4288433382



4285032307



4278517939



4278255667

Inverse Universe

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



4293283042



4294915066



4288079436



4285753202



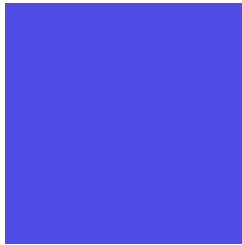
4289921198



4281532466

Previews

White Background



This preview shows how the Android color 4283452646 looks on a white background.

Color Contrast Check

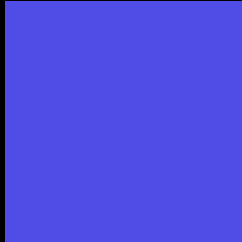
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283452646 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

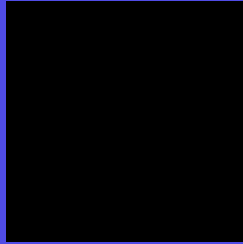
Any Text WCAG AA × Fail

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 4283452646 Background



This preview shows how black text looks on a background with the Android color 4283452646.



This preview shows how white text looks on a background with the Android color 4283452646.

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

4283452646

Protanopia

4278214601

Deuteranopia

4278216365

Trichromacy



Original Color
4283452646

Protanomaly
4280113364

Deuteranomaly
4280114626

Tritanomaly
4280115871

Monochromacy



Original Color
4283452646

Achromatopsia
4284440415

Achromatomaly
4284110992

CSS Examples

Text

The CSS property to change the color of the text to Android 4283452646 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(80, 76, 230)` looks like.

```
.text, #text, p{  
    color:rgb(80, 76, 230)  
}
```

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(80, 76, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 76, 230) }
```

Border

The CSS property to change the border of an element to Android 4283452646 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(80, 76, 230) }
```

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

```
.border{ border-color:rgb(80, 76, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 76, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 76, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 76, 230);  
box-shadow:4px 4px 4px 4px rgb(80, 76,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4283452646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 76, 230) }
```

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

```
.background{ background-color: rgb(80, 76,  
230) }
```

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