

Converting Colors

Android(4285352427)

Have a look what the booklet for
Android(4285352427) contains.

Android(4285352427)	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(4285352427)

Conversions

Conversions Part 1

Format	Color
Hex	6D49EB
RGB	109, 73, 235
RGB Percent	43%, 29%, 92%
CMY	0.5725, 0.7137, 0.0784
CMYK	0.54, 0.69, 0.00, 0.08
HSL	253°, 80%, 60%
HSV	253°, 69%, 92%
XYZ	23.6846, 14.0145, 80.0540
YIQ	102.2320, -30.5460, 58.0140

Conversions

Conversions Part 2

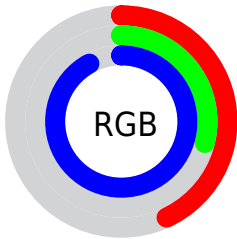
Format	Color
R_{YB}	109, 73, 235
Decimal	7162347
CIE _{Lab}	44.25, 54.93, -76.63
CIE _{LCh}	44, 94.278, 305.633
Yxy	14.0145, 0.2011, 0.1190
Android (android.graphics.Color)	4285352427 (0xFF6D49EB)
YUV	102.2320, 65.4546, 5.9355
Hunter-Lab	37.4359, 47.4190, -100.5824

Details

The Android color `4285352427` is a dark color, and the websafe version is hex `6633CC`. The color can be described as middle muted purple. A complement of this color would be `4291291977`, and the grayscale version is `4284900966`.

A 20% lighter version of the original color is `4289363199`, and `4280620722` is the 20% darker color. If you saturate the color by 10%, you get `4284166891`, and if you desaturate by 10%, it is `4286538219`.

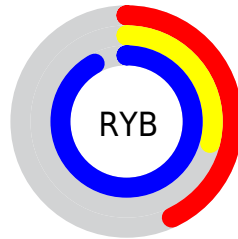
Distribution



Red (43%)

Green (29%)

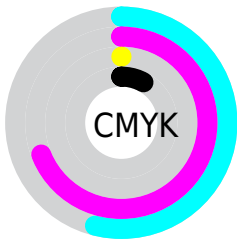
Blue (92%)



Red (43%)

Yellow (29%)

Blue (92%)

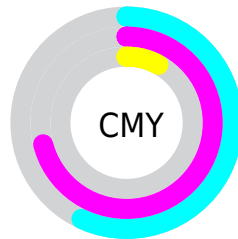


Cyan (54%)

Magenta (69%)

Yellow (0%)

Black (8%)



Cyan (57%)

Magenta (71%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285352427 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 4285352427 by changing the saturation by 10% instead.



4285352427



4285352427

4294967295



4283183310



4289363199



4280620722



4291401727



4278190230



4293374719



4278190204



4294954751



4278190178



4294962175



4278192457



4278191153



4278190363



4278190080

 4285352427


 4285352427

 4284166891


 4286538219

 4282915563

 4287789291

 4281729771

 4288974827

 4281598187

 4290160619

 4291346411

 4292597483

 4293783275

 4294967275

Harmonies

Analogous

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



4278219007



4285352427



4291559595

Triad

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



4285352427



4289808640



4278224502

Complementary

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



4285352427



4291291977

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.



4278223646



4285352427



4285754112

Square

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



4285352427



4292608014



4278221568



4278224580

Rectangle

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



4285352427



4293197944



4278221568



4278224219

Sweetspot

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



4285352427



4292200959



4283025643



4284964992



4278190080



4286611584

Same Dimension

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



4285352427



4284099583



4290595307



4285295221



4280811701



4278976566

Inverse Universe

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



4293609927



4294912976



4286049097



4285885043



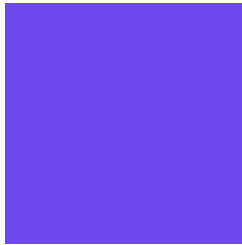
4290052237



4281729066

Previews

White Background



This preview shows how the Android color 4285352427 looks on a white background.

Color Contrast Check

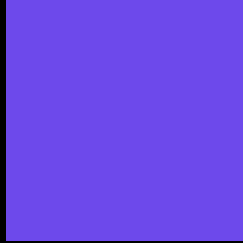
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285352427 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 4285352427 Background



This preview shows how black text looks on a background with the Android color 4285352427.



This preview shows how white text looks on a background with the Android color 4285352427.

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
4285352427

Protanopia
4278216148

Deuteranopia
4278217655

Trichromacy



Original Color

4285352427



Protanomaly

4280835036



Deuteranomaly

4280836042



Tritanomaly

4283720097

Monochromacy



Original Color

4285352427



Achromatopsia

4284900966



Achromatomaly

4285094806

CSS Examples

Text

The CSS property to change the color of the text to Android 4285352427 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(109, 73, 235)` looks like.

```
.text, #text, p{  
    color:rgb(109, 73, 235)  
}
```

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(109, 73, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 73, 235) }
```

Border

The CSS property to change the border of an element to Android 4285352427 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(109, 73, 235) }
```

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

```
.border{ border-color:rgb(109, 73, 235) }
```

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

Here you see how a box with a 4 pixel rgb(109, 73, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 73, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 73, 235);  
box-shadow:4px 4px 4px 4px rgb(109, 73,  
235) }
```

Background

The CSS property to change the background color of an element to Android 4285352427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 73, 235) }
```

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

```
.background{ background-color: rgb(109, 73,  
235) }
```

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