

Converting Colors

Android(4285354713)

Have a look what the booklet for
Android(4285354713) contains.

Android(4285354713)	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(4285354713)

Conversions

Conversions Part 1

Format	Color
Hex	6D52D9
RGB	109, 82, 217
RGB Percent	43%, 32%, 85%
CMY	0.5725, 0.6784, 0.1490
CMYK	0.50, 0.62, 0.00, 0.15
HSL	252°, 64%, 59%
HSV	252°, 62%, 85%
XYZ	21.8484, 14.2956, 67.2534
YIQ	105.4630, -27.2430, 47.7090

Conversions

Conversions Part 2

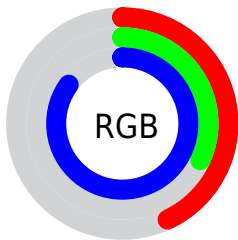
Format	Color
R _Y B	109, 82, 217
Decimal	7164633
CIE Lab	44.65, 44.85, -65.75
CIE LCh	45, 79.590, 304.298
Yxy	14.2956, 0.2113, 0.1383
Android (android.graphics.Color)	4285354713 (0xFF6D52D9)
YUV	105.4630, 54.9877, 3.1019
Hunter-Lab	37.8095, 36.9804, -78.9952

Details

The Android color `4285354713` is a dark color, and the websafe version is hex `6666FF`. The color can be described as middle muted purple. A complement of this color would be `4290697554`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4289234431`, and `4281148065` is the 20% darker color. If you saturate the color by 10%, you get `4284234969`, and if you desaturate by 10%, it is `4286474457`.

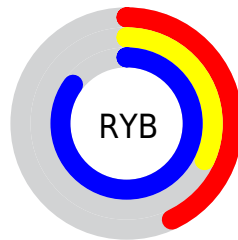
Distribution



Red (43%)

Green (32%)

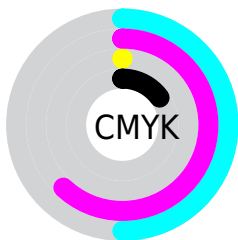
Blue (85%)



Red (43%)

Yellow (32%)

Blue (85%)

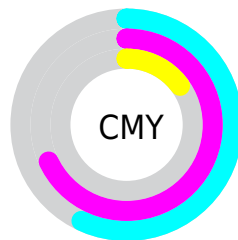


Cyan (50%)

Magenta (62%)

Yellow (0%)

Black (15%)



Cyan (57%)

Magenta (68%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285354713 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 4285354713 by changing the saturation by 10% instead.

 4285354713

 4285354713

4294967295

 4283382461

 4289234431

 4281148065

 4291141631

 4278193030

 4293114879

 4278190188

 4294957055

 4278190163

 4294964223

 4278191675

 4278190628

 4278190092

 4278190080

■ 4285354713

■ 4285354713

■ 4284234969

■ 4286474457

■ 4283049945

■ 4287659481

■ 4281930201

■ 4288779225

■ 4281008345

■ 4289898969

■ 4291084249

■ 4292203737

■ 4293389017

■ 4294508505

■ 4294967257

Harmonies

Analogous

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



4278218992



4285354713



4290583460

Triad

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



4285354713



4289548032



4278223986

Complementary

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



4285354713



4290697554

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.



4278223146



4285354713



4286147072

Square

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



4285354713



4291828770



4281170432



4278224052

Rectangle

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



4285354713



4292083833



4281170432



4278223706

Sweetspot

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



4285354713



4292399103



4283612889



4285031040



4278190080



4286611584

Same Dimension

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



4285354713



4284891391



4289811161



4284834670



4280484013



4278779950

Inverse Universe

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



4292432574



4294918361



4286306642



4285424491



4289527947



4281204773

Previews

White Background



This preview shows how the Android color 4285354713 looks on a white background.

Color Contrast Check

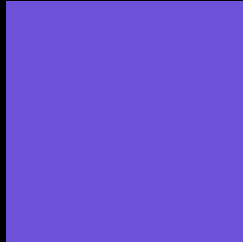
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285354713 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 4285354713 Background



This preview shows how black text looks on a background with the Android color 4285354713.



This preview shows how white text looks on a background with the Android color 4285354713.

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


4285354713

Protanopia

4278216407

Deuteranopia

4278217915



Tritanopia
4283461239

Trichromacy



Original Color
4285354713



Protanomaly
4280836056



Deuteranomaly
4280837062



Tritanomaly
4284179611

Monochromacy



Original Color
4285354713



Achromatopsia
4285098345



Achromatomaly
4285161874

CSS Examples

Text

The CSS property to change the color of the text to Android 4285354713 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, 82, 217)` looks like.

```
.text, #text, p{  
  color:rgb(109, 82, 217)  
}
```

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, 82, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 82, 217) }
```

Border

The CSS property to change the border of an element to Android 4285354713 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, 82, 217) }
```

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

```
.border{ border-color:rgb(109, 82, 217) }
```

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

Here you see how a box with a 4 pixel rgb(109, 82, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 82, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 82, 217);  
box-shadow:4px 4px 4px 4px rgb(109, 82,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4285354713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 82, 217) }
```

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

```
.background{ background-color: rgb(109, 82,  
217) }
```

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