

Converting Colors

Android(4285614720)

Have a look what the booklet for
Android(4285614720) contains.

Android(4285614720)	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(4285614720)

Conversions

Conversions Part 1

Format	Color
Hex	714A80
RGB	113, 74, 128
RGB Percent	44%, 29%, 50%
CMY	0.5569, 0.7098, 0.4980
CMYK	0.12, 0.42, 0.00, 0.50
HSL	283°, 27%, 40%
HSV	283°, 42%, 50%
XYZ	13.1551, 9.9668, 21.6525
YIQ	91.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

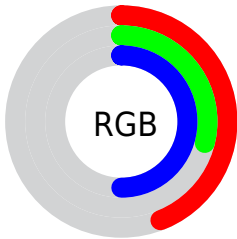
Format	Color
R_{YB}	113, 74, 128
Decimal	7424640
CIE _{Lab}	37.78, 26.81, -24.01
CIE _{LCh}	38, 35.992, 318.158
Yxy	9.9668, 0.2938, 0.2226
Android (android.graphics.Color)	4285614720 (0xFF714A80)
YUV	91.8170, 17.8382, 18.5775
Hunter-Lab	31.5702, 19.1320, -18.5650

Details

The Android color `4285614720` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4284055626`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4289100981`, and `4282391631` is the 20% darker color. If you saturate the color by 10%, you get `4285349248`, and if you desaturate by 10%, it is `4285880192`.

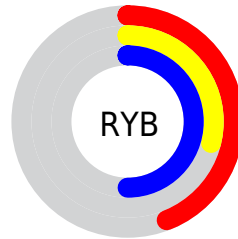
Distribution



Red (44%)

Green (29%)

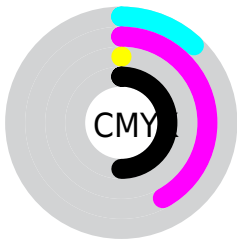
Blue (50%)



Red (44%)

Yellow (29%)

Blue (50%)

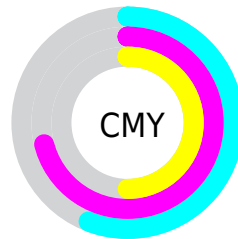


Cyan (12%)

Magenta (42%)

Yellow (0%)

Black (50%)



Cyan (56%)

Magenta (71%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285614720 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 4285614720 by changing the saturation by 10% instead.

■ 4285614720

■ 4285614720

4294967295

■ 4283970407

■ 4289100981

■ 4282391631

■ 4290877137

■ 4280813111

■ 4292719085

■ 4279369762

■ 4294626559

■ 4278190087

■ 4294961663

■ 4278190080

■ 4285614720

■ 4285614720

■ 4285349248

■ 4285880192

■ 4285149312

■ 4286080128

■ 4284884096

■ 4286345344

■ 4284684160

■ 4286545280

■ 4284418688

■ 4286810752

■ 4284219520

■ 4287010688

■ 4287276160

■ 4287475840

■ 4287741312

Harmonies

Analogous

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



4282799760



4285614720



4287119718

Triad

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



4285614720



4285747998



4278216554

Complementary

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



4285614720



4284055626

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.



4278216524



4285614720



4283981086

Square

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



4285614720



4286990383



4281754416



4278216068

Rectangle

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



4285614720



4287512402



4281754416



4278216544

Sweetspot

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



4285614720



4288712870



4283062656



4283451220



4292138196



4283716692

Same Dimension

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



4285614720



4287517094



4286597748



4282267968



4284219520



4278190080

Inverse Universe

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



4286597721



4289089897



4283072598



4282399035



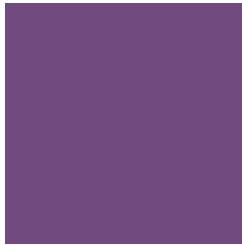
4286578723



4278190080

Previews

White Background



This preview shows how the Android color 4285614720 looks on a white background.

Color Contrast Check

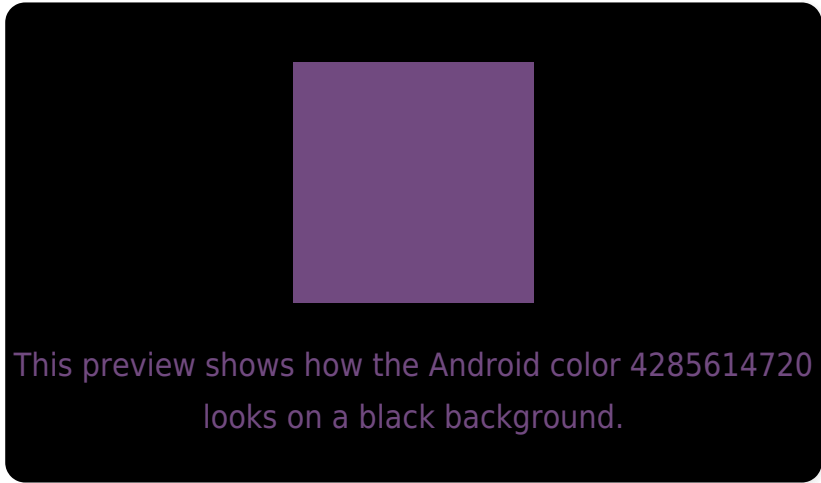
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

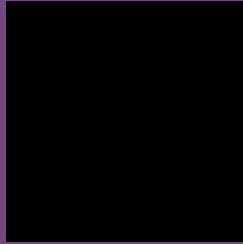
Any Text WCAG AA × Fail

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 4285614720 Background



This preview shows how black text looks on a background with the Android color 4285614720.



This preview shows how white text looks on a background with the Android color 4285614720.

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
4285614720

Protanopia
4282800267

Deuteranopia
4283259005

Trichromacy



Original Color
4285614720

Protanomaly
4283847559

Deuteranomaly
4284109694

Tritanomaly
4285354087

Monochromacy



Original Color
4285614720

Achromatopsia
4284243036

Achromatomaly
4284765545

CSS Examples

Text

The CSS property to change the color of the text to Android 4285614720 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(113, 74, 128)` looks like.

```
.text, #text, p{  
    color:rgb(113, 74, 128)  
}
```

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(113, 74, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 74, 128) }
```

Border

The CSS property to change the border of an element to Android 4285614720 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(113, 74, 128) }
```

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

```
.border{ border-color:rgb(113, 74, 128) }
```

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

Here you see how a box with a 4 pixel rgb(113, 74, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 74, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 74, 128);  
box-shadow:4px 4px 4px 4px rgb(113, 74,  
128) }
```

Background

The CSS property to change the background color of an element to Android 4285614720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 74, 128) }
```

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

```
.background{ background-color: rgb(113, 74,  
128) }
```

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