

Converting Colors

Android(4285550306)

Have a look what the booklet for
Android(4285550306) contains.

Android(4285550306)	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(4285550306)

Conversions

Conversions Part 1

Format	Color
Hex	704EE2
RGB	112, 78, 226
RGB Percent	44%, 31%, 89%
CMY	0.5608, 0.6941, 0.1137
CMYK	0.50, 0.65, 0.00, 0.11
HSL	254°, 72%, 60%
HSV	254°, 65%, 89%
XYZ	23.1339, 14.3845, 73.5087
YIQ	105.0380, -27.2440, 53.2360

Conversions

Conversions Part 2

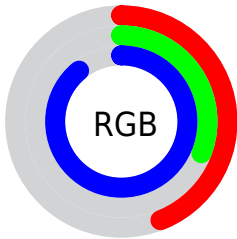
Format	Color
R_{YB}	112, 78, 226
Decimal	7360226
CIE _{Lab}	44.78, 50.20, -70.66
CIE _{LCh}	45, 86.677, 305.393
Yxy	14.3845, 0.2084, 0.1296
Android (android.graphics.Color)	4285550306 (0xFF704EE2)
YUV	105.0380, 59.6343, 6.1057
Hunter-Lab	37.9269, 42.5060, -88.3651

Details

The Android color `4285550306` 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 `4290830926`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4289495551`, and `4281212329` is the 20% darker color. If you saturate the color by 10%, you get `4284430306`, and if you desaturate by 10%, it is `4286670306`.

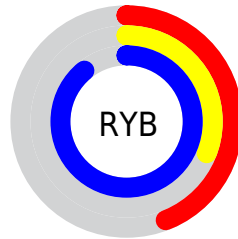
Distribution



Red (44%)

Green (31%)

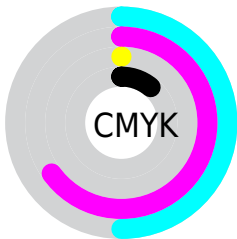
Blue (89%)



Red (44%)

Yellow (31%)

Blue (89%)

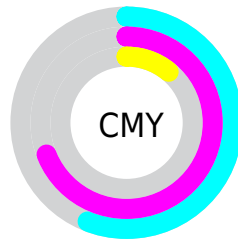


Cyan (50%)

Magenta (65%)

Yellow (0%)

Black (11%)



Cyan (56%)

Magenta (69%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285550306 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 4285550306 by changing the saturation by 10% instead.

 4285550306

 4285550306

4294967295

 4283512261

 4289495551

 4281212329

 4291468543

 4278190734

 4293441535

 4278190196

 4294956031

 4278190170

 4294963455

 4278191938

 4278190890

 4278190357

 4278190080

 4285550306

 4285550306

 4284430306


 4286670306

 4283245026

 4287855586

 4282125026

 4288975586

 4281598178

 4290160866

 4291280866

 4292400866

 4293586146

 4294705122

 4294967266

Harmonies

Analogous

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



4278219261



4285550306



4291166376

Triad

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



4285550306



4289744128



4278224502

Complementary

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



4285550306



4290830926

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.



4278223655



4285550306



4285950976

Square

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



4285550306



4292214809



4279991296



4278224573

Rectangle

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



4285550306



4292673656



4279991296



4278224220

Sweetspot

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



4285550306



4292398335



4283351778



4285030784



4278190080



4286611584

Same Dimension

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



4285550306



4284757759



4290268898



4285031792



4280811696



4278911024

Inverse Universe

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



4293021376



4294915793



4286112334



4285556078



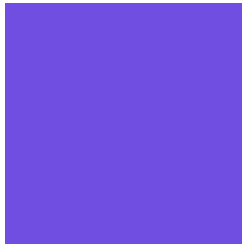
4289724552



4281335845

Previews

White Background



This preview shows how the Android color 4285550306 looks on a white background.

Color Contrast Check

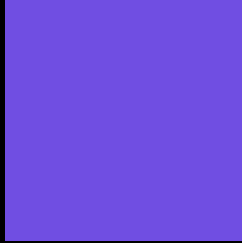
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285550306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

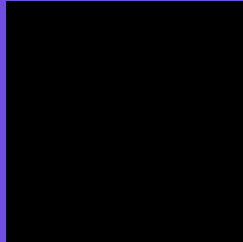
Any Text WCAG AA ✗ Fail

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 4285550306 Background



This preview shows how black text looks on a background with the Android color 4285550306.



This preview shows how white text looks on a background with the Android color 4285550306.

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
4285550306

Protanopia
4278216408

Deuteranopia
4278217914

Trichromacy



Original Color

4285550306



Protanomaly

4280901084



Deuteranomaly

4280902089



Tritanomaly

4284244894

Monochromacy



Original Color

4285550306



Achromatopsia

4285098345



Achromatomaly

4285292437

CSS Examples

Text

The CSS property to change the color of the text to Android 4285550306 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(112, 78, 226)` looks like.

```
.text, #text, p{  
    color:rgb(112, 78, 226)  
}
```

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(112, 78, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 78, 226) }
```

Border

The CSS property to change the border of an element to Android 4285550306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

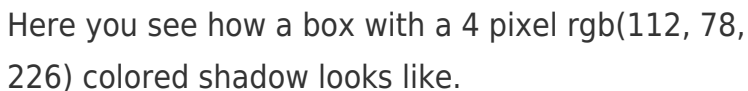
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 78, 226) }
```

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

```
.border{ border-color:rgb(112, 78, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 78, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 78, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 78, 226); box-shadow:4px 4px 4px 4px rgb(112, 78, 226) }
```

Background

The CSS property to change the background color of an element to Android 4285550306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 78, 226) }
```

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

```
.background{ background-color: rgb(112, 78,  
226) }
```

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](#).

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