

Converting Colors

Android(4285021940)

Have a look what the booklet for
Android(4285021940) contains.

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Color

Android(4285021940)

Conversions

Conversions Part 1

Format	Color
Hex	683EF4
RGB	104, 62, 244
RGB Percent	41%, 24%, 96%
CMY	0.5922, 0.7569, 0.0431
CMYK	0.57, 0.75, 0.00, 0.04
HSL	254°, 89%, 60%
HSV	254°, 75%, 96%
XYZ	23.7607, 12.9200, 86.8294
YIQ	95.3060, -33.3900, 65.5060

Conversions

Conversions Part 2

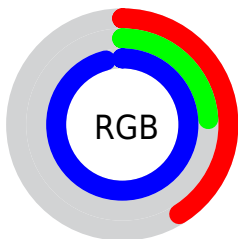
Format	Color
R_{YB}	104, 62, 244
Decimal	6831860
CIE _{Lab}	42.64, 62.21, -84.36
CIE _{LCh}	43, 104.815, 306.405
Yxy	12.9200, 0.1924, 0.1046
Android (android.graphics.Color)	4285021940 (0xFF683EF4)
YUV	95.3060, 73.3061, 7.6246
Hunter-Lab	35.9443, 55.0932, -118.0636

Details

The Android color `4285021940` is a dark color, and the websafe version is hex `6633FF`. The color can be described as middle washed purple. A complement of this color would be `4291490878`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4289229567`, and `4279173818` is the 20% darker color. If you saturate the color by 10%, you get `4283770612`, and if you desaturate by 10%, it is `4286273268`.

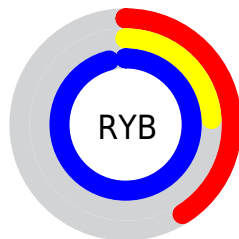
Distribution



Red (41%)

Green (24%)

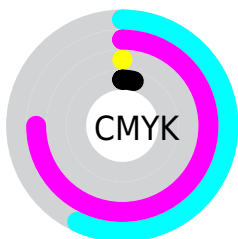
Blue (96%)



Red (41%)

Yellow (24%)

Blue (96%)

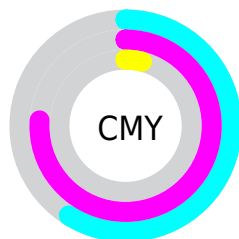


Cyan (57%)

Magenta (75%)

Yellow (0%)

Black (4%)



Cyan (59%)

Magenta (76%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285021940 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 4285021940 by changing the saturation by 10% instead.

 4285021940

 4285021940

4294967295

 4282721239

 4289229567

 4279173818

 4291268095

 4278190238

 4293306623

 4278190211

 4294952191

 4278190185

 4294959615

 4278192720

4294967039

 4278191416

 4278190625

 4278190087

■ 4285021940

■ 4285021940

■ 4283770612

■ 4286273268

■ 4282519028

■ 4287524852

■ 4281860340

■ 4288710644

■ 4289962228

■ 4291213556

■ 4292464884

■ 4293650932

■ 4294901748

■ 4294967284

Harmonies

Analogous

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



4278218495



4285021940



4292018348

Triad

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



4285021940



4289741312



4278223734

Complementary

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



4285021940



4291490878

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.



4278222864



4285021940



4285229056

Square

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



4285021940



4292804608



4278221056



4278224076

Rectangle

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



4285021940



4293656691



4278221056



4278223448

Sweetspot

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



4285021940



4292134911



4282306036



4284898944



4278190080



4286611584

Same Dimension

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



4285021940



4283308543



4290789108



4285623930



4281008314



4279107643

Inverse Universe

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



4294196938



4294908362



4285723710



4286213752



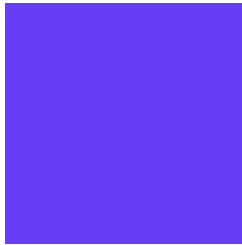
4290379919



4282056749

Previews

White Background



This preview shows how the Android color 4285021940 looks on a white background.

Color Contrast Check

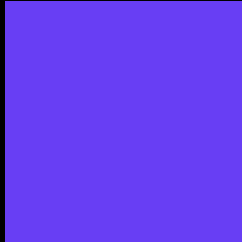
Large Text (above 18pt) WCAG AA ✓ Pass

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 4285021940 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 4285021940 Background



This preview shows how black text looks on a background with the Android color 4285021940.



This preview shows how white text looks on a background with the Android color 4285021940.

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
4285021940

Protanopia
4278215116

Deuteranopia
4278216622

Trichromacy



Original Color

4285021940



Protanomaly

4280702171



Deuteranomaly

4280703175



Tritanomaly

4282932131

Monochromacy



Original Color

4285021940



Achromatopsia

4284440415



Achromatomaly

4284634005

CSS Examples

Text

The CSS property to change the color of the text to Android 4285021940 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(104, 62, 244)` looks like.

```
.text, #text, p{  
    color:rgb(104, 62, 244)  
}
```

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(104, 62, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 62, 244) }
```

Border

The CSS property to change the border of an element to Android 4285021940 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(104, 62, 244) }
```

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

```
.border{ border-color:rgb(104, 62, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 62, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 62, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 62, 244);  
box-shadow:4px 4px 4px 4px rgb(104, 62,  
244) }
```

Background

The CSS property to change the background color of an element to Android 4285021940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 62, 244) }
```

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

```
.background{ background-color: rgb(104, 62,  
244) }
```

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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