

Converting Colors

Android(4281794757)

Have a look what the booklet for
Android(4281794757) contains.

Android(4281794757)	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(4281794757)

Conversions

Conversions Part 1

Format	Color
Hex	3700C5
RGB	55, 0, 197
RGB Percent	22%, 0%, 77%
CMY	0.7843, 1.0000, 0.2275
CMYK	0.72, 1.00, 0.00, 0.23
HSL	257°, 100%, 39%
HSV	257°, 100%, 77%
XYZ	11.6536, 4.8434, 53.1440
YIQ	38.9030, -30.4570, 72.9270

Conversions

Conversions Part 2

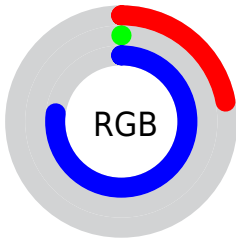
Format	Color
RYB	55, 0, 197
Decimal	3604677
CIELab	26.28, 66.14, -84.57
CIELCh	26, 107.356, 308.028
Yxy	4.8434, 0.1673, 0.0695
Android (android.graphics.Color)	4281794757 (0xFF3700C5)
YUV	38.9030, 77.9418, 14.1171
Hunter-Lab	22.0078, 56.0057, -127.7667

Details

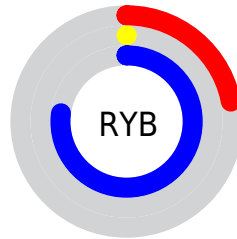
The Android color `4281794757` is a dark color, and the websafe version is hex `3300CC`. The color can be described as dark washed blue. A complement of this color would be `4287546624`, and the grayscale version is `4280690214`.

A 20% lighter version of the original color is `4286399231`, and `4278190221` is the 20% darker color. If you saturate the color by 10%, you get `4281794757`, and if you desaturate by 10%, it is `4282717381`.

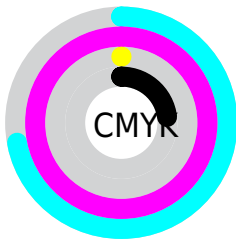
Distribution



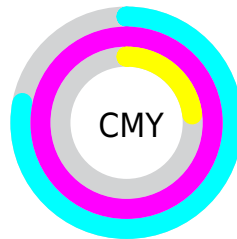
- Red (22%)
- Green (0%)
- Blue (77%)



- Red (22%)
- Yellow (0%)
- Blue (77%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (23%)




- Cyan (78%)
- Magenta (100%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281794757 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 4281794757 by changing the saturation by 10% instead.

 4281794757

 4281794757

4294967295

 4278190249

 4286399231

 4278190221

 4288437759

 4278190195

 4290476031

 4278191961

 4292514815

 4278191937

 4294619135

 4278190890

 4294953983

 4278190356

 4294961407

 4278190080

 4281794757

■ 4282717381

■ 4283639749

■ 4284627909

■ 4285550533

■ 4286473157

■ 4287395525

■ 4288318149

■ 4289306309

■ 4290228677

Harmonies

Analogous

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



4278209002



4281794757



4289069182

Triad

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



4281794757



4286257408



4278212180

Complementary

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



4281794757



4287546624

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.



4278211584



4281794757



4281942784

Square

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



4281794757



4289200128



4278210560



4278213029

Rectangle

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



4281794757



4290379848



4278210560



4278211895

Sweetspot

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



4281794757



4291343359



4278227141



4284371584



4278190080



4286611584

Same Dimension

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



4281794757



4282843391



4288086213



4284242531



4281204899



4278845476

Inverse Universe

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



4291100814



4294901944



4281255168



4284701281



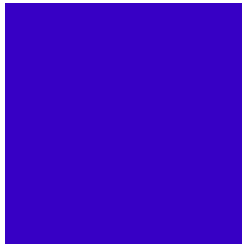
4288872566



4280549402

Previews

White Background



This preview shows how the Android color 4281794757 looks on a white background.

Color Contrast Check

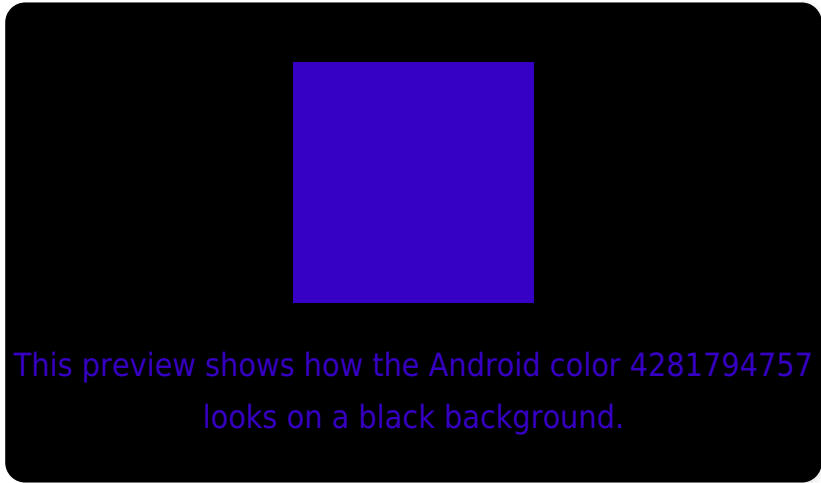
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281794757 Background



This preview shows how black text looks on a background with the Android color 4281794757.



This preview shows how white text looks on a background with the Android color 4281794757.

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
4281794757

Protanopia
4278206082

Deuteranopia
4278207087

Trichromacy



Original Color
4281794757

Protanomaly
4279510938

Deuteranomaly
4279511694

Tritanomaly
4279512696

Monochromacy



Original Color
4281794757

Achromatopsia
4280756007

Achromatomaly
4281145696

CSS Examples

Text

The CSS property to change the color of the text to Android 4281794757 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(55, 0, 197)` looks like.

```
.text, #text, p{  
    color:rgb(55, 0, 197)  
}
```

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(55, 0, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 0, 197) }
```

Border

The CSS property to change the border of an element to Android 4281794757 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(55, 0, 197) }
```

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

```
.border{ border-color:rgb(55, 0, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 0, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 0, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 0, 197);  
box-shadow:4px 4px 4px 4px rgb(55, 0, 197)  
}
```

Background

The CSS property to change the background color of an element to Android 4281794757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 0, 197) }
```

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

```
.background{ background-color: rgb(55, 0,  
197) }
```

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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