

Converting Colors

Android(4279907787)

Have a look what the booklet for
Android(4279907787) contains.

Android(4279907787)	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(4279907787)

Conversions

Conversions Part 1

Format	Color
Hex	1A35CB
RGB	26, 53, 203
RGB Percent	10%, 21%, 80%
CMY	0.8980, 0.7922, 0.2039
CMYK	0.87, 0.74, 0.00, 0.20
HSL	231°, 77%, 45%
HSV	231°, 87%, 80%
XYZ	12.4786, 7.0776, 57.2083
YIQ	62.0270, -64.2420, 40.9260

Conversions

Conversions Part 2

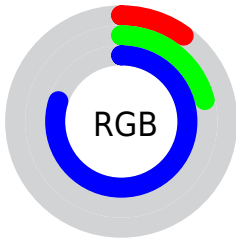
Format	Color
R_{YB}	26, 49, 203
Decimal	1717707
CIE _{Lab}	31.98, 47.30, -78.66
CIE _{LCh}	32, 91.783, 301.021
Yxy	7.0776, 0.1626, 0.0922
Android (android.graphics.Color)	4279907787 (0xFF1A35CB)
YUV	62.0270, 69.4997, -31.5957
Hunter-Lab	26.6038, 37.1694, -108.8736

Details

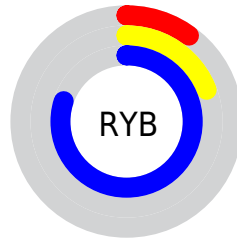
The Android color `4279907787` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291538970`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4285359615`, and `4278192787` is the 20% darker color. If you saturate the color by 10%, you get `4278592715`, and if you desaturate by 10%, it is `4281222859`.

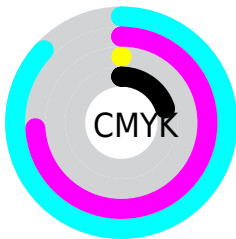
Distribution



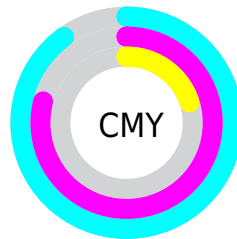
- Red (10%)
- Green (21%)
- Blue (80%)



- Red (10%)
- Yellow (19%)
- Blue (80%)



- Cyan (87%)
- Magenta (74%)
- Yellow (0%)
- Black (20%)



- Cyan (90%)
- Magenta (79%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279907787 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 4279907787 by changing the saturation by 10% instead.

 4279907787

 4279907787

4294967295

 4278198191

 4285359615


 4278192787

 4287463167

 4278190201

 4289501439

 4278191455

 4291539967

 4278192198

 4293578751

 4278191151

 4294962431

 4278190361

 4278190080

 4279907787

 4279907787

■ 4278592715

■ 4281222859

■ 4278198219

■ 4282603467

■ 4283918795

■ 4285233867

■ 4286548939

■ 4287929547

■ 4289244619

■ 4290559947

■ 4291940555

Harmonies

Analogous

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



4278212577



4279907787



4288413843

Triad

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



4279907787



4287701504



4278215500

Complementary

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



4279907787



4291538970

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.



4278214656



4279907787



4284172800

Square

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



4279907787



4290052100



4278213120



4278216085

Rectangle

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



4279907787



4290248804



4278213120



4278215218

Sweetspot

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



4279907787



4290627583



4279946157



4283981440



4278190080



4286611584

Same Dimension

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



4279907787



4278200319



4283767499



4284243302



4278196646



4278191654

Inverse Universe

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



4291500597



4294901799



4287679258



4284898397



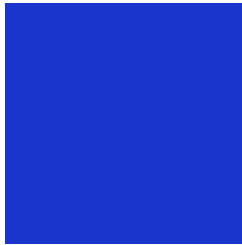
4289069081



4280680454

Previews

White Background



This preview shows how the Android color 4279907787 looks on a white background.

Color Contrast Check

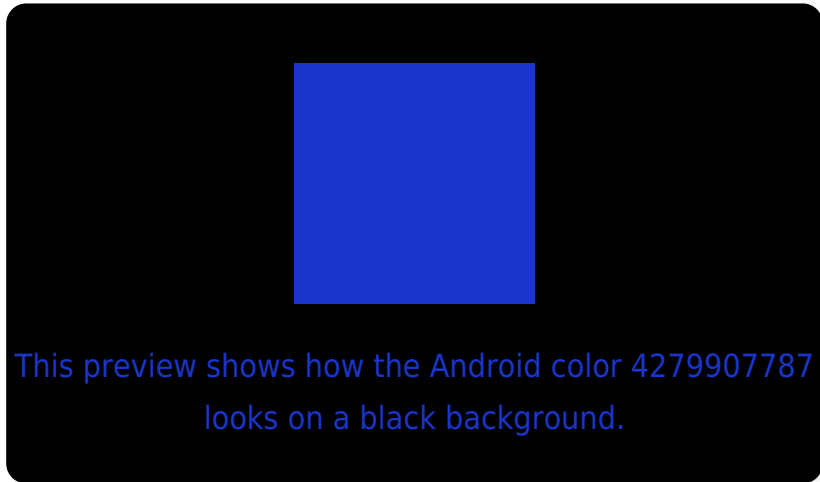
Large Text (above 18pt) WCAG AA ✓ Pass

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

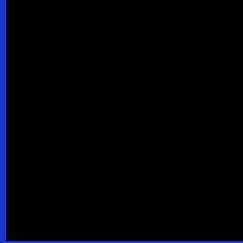
Any Text WCAG AA × Fail

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 4279907787 Background



This preview shows how black text looks on a background with the Android color 4279907787.



This preview shows how white text looks on a background with the Android color 4279907787.

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
4279907787

Protanopia
4278208664

Deuteranopia
4278209921

Trichromacy



Original Color
4279907787

Protanomaly
4278796715

Deuteranomaly
4278797468

Tritanomaly
4278798466

Monochromacy



Original Color
4279907787

Achromatopsia
4282269246

Achromatomaly
4281416561

CSS Examples

Text

The CSS property to change the color of the text to Android 4279907787 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(26, 53, 203)` looks like.

```
.text, #text, p{  
    color:rgb(26, 53, 203)  
}
```

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(26, 53, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 53, 203) }
```

Border

The CSS property to change the border of an element to Android 4279907787 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(26, 53, 203) }
```

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

```
.border{ border-color:rgb(26, 53, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 53, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 53, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 53, 203);  
box-shadow:4px 4px 4px 4px rgb(26, 53,  
203) }
```

Background

The CSS property to change the background color of an element to Android 4279907787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 53, 203) }
```

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

```
.background{ background-color: rgb(26, 53,  
203) }
```

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