

Converting Colors

Android(4279706856)

Have a look what the booklet for
Android(4279706856) contains.

Android(4279706856)	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(4279706856)

Conversions

Conversions Part 1

Format	Color
Hex	1724E8
RGB	23, 36, 232
RGB Percent	9%, 14%, 91%
CMY	0.9098, 0.8588, 0.0902
CMYK	0.90, 0.84, 0.00, 0.09
HSL	236°, 82%, 50%
HSV	236°, 90%, 91%
XYZ	15.5497, 7.2701, 76.9276
YIQ	54.4570, -70.6640, 58.2000

Conversions

Conversions Part 2

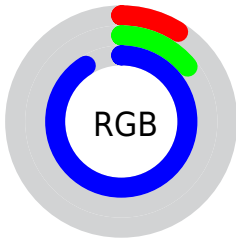
Format	Color
R _Y B	23, 35, 232
Decimal	1516776
CIE Lab	32.41, 64.78, -94.66
CIE LCh	32, 114.703, 304.387
Yxy	7.2701, 0.1559, 0.0729
Android (android.graphics.Color)	4279706856 (0xFF1724E8)
YUV	54.4570, 87.5287, -27.5878
Hunter-Lab	26.9631, 55.7560, -150.2842

Details

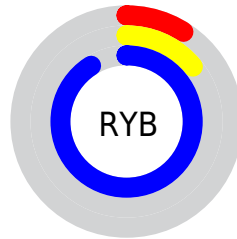
The Android color `4279706856` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark washed blue. A complement of this color would be `4293450519`, and the grayscale version is `4281742902`.

A 20% lighter version of the original color is `4285880319`, and `4278190255` is the 20% darker color. If you saturate the color by 10%, you get `4278193896`, and if you desaturate by 10%, it is `4281219816`.

Distribution



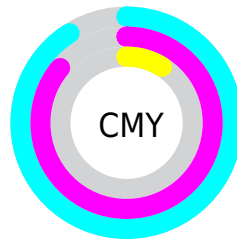
- Red (9%)
- Green (14%)
- Blue (91%)



- Red (9%)
- Yellow (14%)
- Blue (91%)



- Cyan (90%)
- Magenta (84%)
- Yellow (0%)
- Black (9%)



- Cyan (91%)
- Magenta (86%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279706856 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 4279706856 by changing the saturation by 10% instead.

 4279706856

 4279706856

4294967295

 4278191563

 4285880319

 4278190255

 4288115199

 4278190227

 4290284799

 4278190200

 4292388863

 4278193758

 4294493183

 4278192197

 4294959359

 4278191150

 4294966783

 4278190360

 4278190080

■ 4279706856

■ 4279706856

■ 4278193896

■ 4281219816

■ 4282732776

■ 4284311016

■ 4285823976

■ 4287336936

■ 4288849896

■ 4290362600

■ 4291941096

■ 4293454056

Harmonies

Analogous

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



4278213631



4279706856



4290248861

Triad

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



4279706856



4288157952



4278216536

Complementary

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



4279706856



4293450519

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.



4278215680



4279706856



4283584256

Square

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



4279706856



4291297280



4278214400



4278217396

Rectangle

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



4279706856



4292083810



4278214400



4278216248

Sweetspot

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



4279706856



4290428671



4279757018



4283914624



4278190080



4286611584

Same Dimension

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



4279706856



4278194431



4285667304



4284967027



4278193075



4278190899

Inverse Universe

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



4293400356



4294901776



4287490071



4285753192



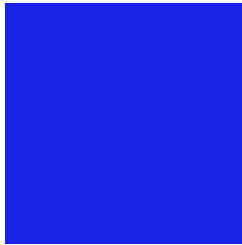
4289921035



4281532419

Previews

White Background



This preview shows how the Android color 4279706856 looks on a white background.

Color Contrast Check

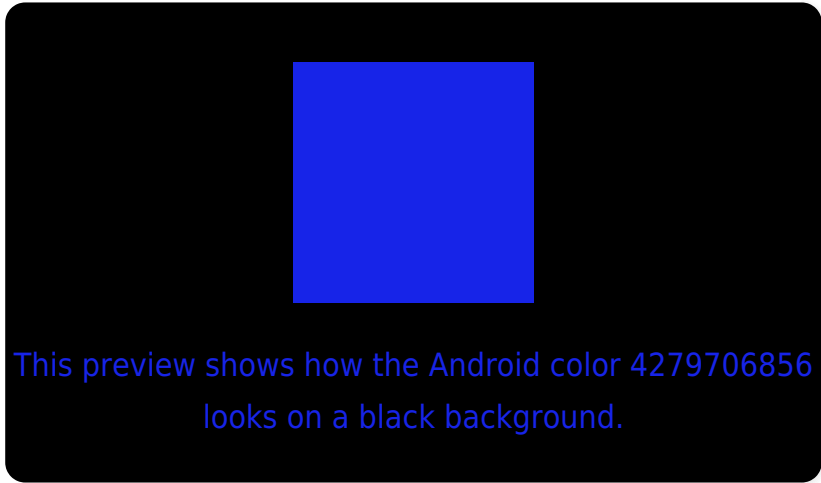
Large Text (above 18pt) WCAG AA ✓ Pass

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

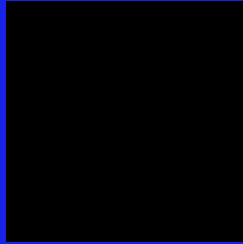
Any Text WCAG AA × Fail

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 4279706856 Background



This preview shows how black text looks on a background with the Android color 4279706856.



This preview shows how white text looks on a background with the Android color 4279706856.

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

4279706856

Protanopia

4278208921

Deuteranopia

4278210178

Trichromacy



Original Color
4279706856

Protanomaly
4278729910

Deuteranomaly
4278730663

Tritanomaly
4278731660

Monochromacy



Original Color
4279706856

Achromatopsia
4281742902

Achromatomaly
4281020279

CSS Examples

Text

The CSS property to change the color of the text to Android 4279706856 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(23, 36, 232)` looks like.

```
.text, #text, p{  
    color:rgb(23, 36, 232)  
}
```

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(23, 36, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 36, 232) }
```

Border

The CSS property to change the border of an element to Android 4279706856 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(23, 36, 232) }
```

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

```
.border{ border-color:rgb(23, 36, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 36, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 36, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 36, 232);  
box-shadow:4px 4px 4px 4px rgb(23, 36,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4279706856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 36, 232) }
```

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

```
.background{ background-color: rgb(23, 36,  
232) }
```

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