

Converting Colors

Android(4280116454)

Have a look what the booklet for
Android(4280116454) contains.

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Color

Android(4280116454)

Conversions

Conversions Part 1

Format	Color
Hex	1D64E6
RGB	29, 100, 230
RGB Percent	11%, 39%, 90%
CMY	0.8863, 0.6078, 0.0980
CMYK	0.87, 0.57, 0.00, 0.10
HSL	219°, 80%, 51%
HSV	219°, 87%, 90%
XYZ	19.3468, 15.0887, 76.7556
YIQ	93.5910, -84.0460, 25.3780

Conversions

Conversions Part 2

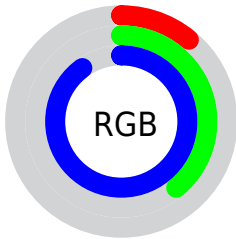
Format	Color
R_{YB}	29, 81, 230
Decimal	1926374
CIE _{Lab}	45.76, 27.93, -71.52
CIE _{LCh}	46, 76.784, 291.334
Yxy	15.0887, 0.1740, 0.1357
Android (android.graphics.Color)	4280116454 (0xFF1D64E6)
YUV	93.5910, 67.2496, -56.6463
Hunter-Lab	38.8442, 20.9266, -89.9653

Details

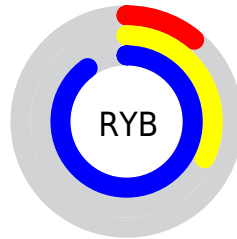
The Android color `4280116454` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4293304093`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285634303`, and `4278204333` is the 20% darker color. If you saturate the color by 10%, you get `4278605286`, and if you desaturate by 10%, it is `4281627622`.

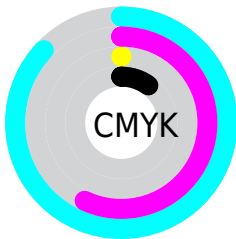
Distribution



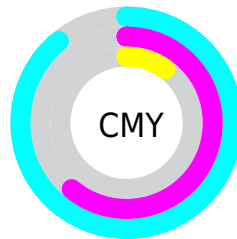
- Red (11%)
- Green (39%)
- Blue (90%)



- Red (11%)
- Yellow (32%)
- Blue (90%)



- Cyan (87%)
- Magenta (57%)
- Yellow (0%)
- Black (10%)



- Cyan (89%)
- Magenta (61%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280116454 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 4280116454 by changing the saturation by 10% instead.

 4280116454

 4280116454

4294967295

 4278209993

 4285634303

 4278204333

 4287803903

 4278199186

 4289842431

 4278194807

 4291946751

 4278191966

 4293984255

 4278192197

 4278191150

 4278190360

 4278190080

■ 4280116454

■ 4280116454

■ 4278605286

■ 4281627622

■ 4278211046

■ 4283138790

■ 4284649958

■ 4286161126

■ 4287672038

■ 4289183206

■ 4290694374

■ 4292205542

■ 4293716710

Harmonies

Analogous

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



4278221549



4280116454



4288954046

Triad

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



4280116454



4290789888



4278224471

Complementary

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



4280116454



4293304093

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.



4278223110



4280116454



4287914752

Square

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



4280116454



4292347714



4283987712



4278224794

Rectangle

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



4280116454



4291303575



4283987712



4278224192

Sweetspot

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



4280116454



4290630911



4280149660



4283983488



4278190080



4286611584

Same Dimension

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



4280116454



4278213375



4281867750



4284967795



4278206387



4278194739

Inverse Universe

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



4293270884



4294901850



4291552797



4285753195



4289921087



4281532434

Previews

White Background



This preview shows how the Android color 4280116454 looks on a white background.

Color Contrast Check

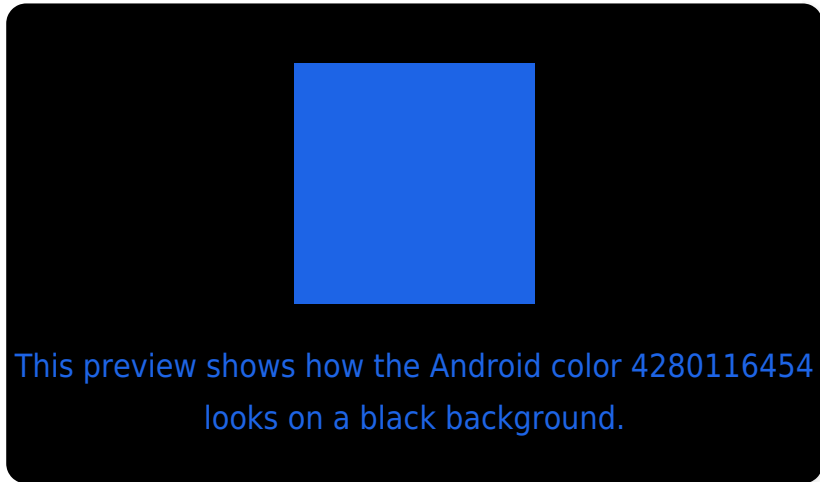
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

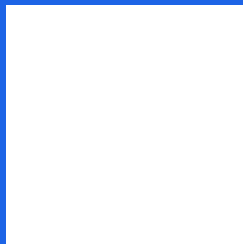
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280116454 Background



This preview shows how black text looks on a background with the Android color 4280116454.



This preview shows how white text looks on a background with the Android color 4280116454.

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

4280116454

Protanopia

4278216924

Deuteranopia

4278218429

Trichromacy



Original Color
4280116454

Protanomaly
4278937568

Deuteranomaly
4278938316

Tritanomaly
4278940068

Monochromacy



Original Color
4280116454

Achromatopsia
4284374622

Achromatomaly
4282802319

CSS Examples

Text

The CSS property to change the color of the text to Android 4280116454 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(29, 100, 230)` looks like.

```
.text, #text, p{  
    color:rgb(29, 100, 230)  
}
```

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(29, 100, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 100, 230) }
```

Border

The CSS property to change the border of an element to Android 4280116454 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(29, 100, 230) }
```

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

```
.border{ border-color:rgb(29, 100, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 100, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 100, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 100, 230);  
box-shadow:4px 4px 4px 4px rgb(29, 100,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4280116454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 100, 230) }
```

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

```
.background{ background-color: rgb(29, 100,  
230) }
```

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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