

Converting Colors

Android(4280582614)

Have a look what the booklet for
Android(4280582614) contains.

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Color

Android(4280582614)

Conversions

Conversions Part 1

Format	Color
Hex	2481D6
RGB	36, 129, 214
RGB Percent	14%, 51%, 84%
CMY	0.8588, 0.4941, 0.1608
CMYK	0.83, 0.40, 0.00, 0.16
HSL	209°, 71%, 49%
HSV	209°, 83%, 84%
XYZ	20.7154, 20.9306, 66.5665
YIQ	110.8830, -82.7130, 6.7190

Conversions

Conversions Part 2

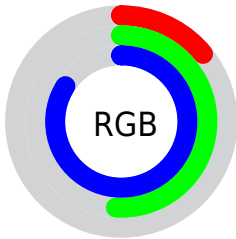
Format	Color
R _Y B	36, 97, 214
Decimal	2392534
CIE Lab	52.87, 4.03, -51.00
CIE LCh	53, 51.156, 274.520
Yxy	20.9306, 0.1914, 0.1934
Android (android.graphics.Color)	4280582614 (0xFF2481D6)
YUV	110.8830, 50.8367, -65.6724
Hunter-Lab	45.7500, 0.7616, -54.2423

Details

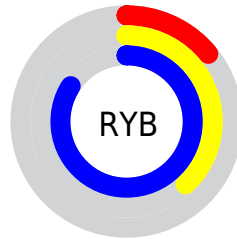
The Android color `4280582614` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark washed azure. A complement of this color would be `4292245796`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4285511167`, and `4278210975` is the 20% darker color. If you saturate the color by 10%, you get `4279203798`, and if you desaturate by 10%, it is `4281961430`.

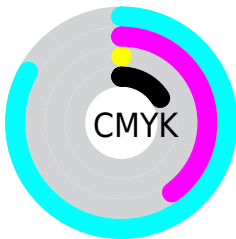
Distribution



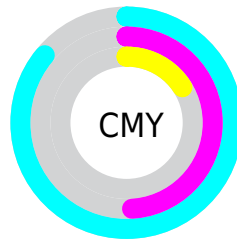
- Red (14%)
- Green (51%)
- Blue (84%)



- Red (14%)
- Yellow (38%)
- Blue (84%)



- Cyan (83%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)



















- Cyan (86%)
- Magenta (49%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280582614 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 4280582614 by changing the saturation by 10% instead.

 4280582614	 4280582614
4294967295	 4278216890
 4285511167	 4278210975
 4287615487	 4278205060
 4289588735	 4278199914
 4291624959	 4278194258
 4293591039	 4278191418
	 4278190627
	 4278190090
	 4278190080

■ 4280582614

■ 4280582614

■ 4279203798

■ 4281961430

■ 4278218966

■ 4283405782

■ 4284784854

■ 4286229206

■ 4287608022

■ 4288986838

■ 4290431446

■ 4291810262

■ 4293254614

Harmonies

Analogous

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



4278226381



4280582614



4287197383

Triad

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



4280582614



4291452239



4279275863

Complementary

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



4280582614



4292245796

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.



4284647984



4280582614



4289949229

Square

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



4280582614



4291646841



4287594014



4278227844

Rectangle

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



4280582614



4289487794



4287594014



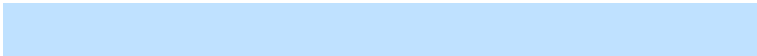
4281896777

Sweetspot

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



4280582614



4290765311



4280604279



4284050816



4278190080



4286611584

Same Dimension

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



4280582614



4278224383



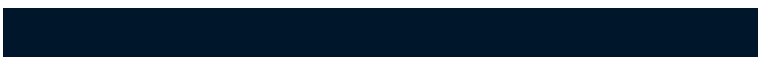
4280560342



4284507755



4278213035



4278196011

Inverse Universe

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



4292224129



4294901893



4292268068



4285227110



4289396825



4281008151

Previews

White Background



This preview shows how the Android color 4280582614 looks on a white 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

Black Background



This preview shows how the Android color 4280582614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

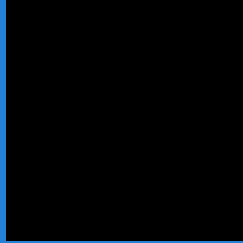
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

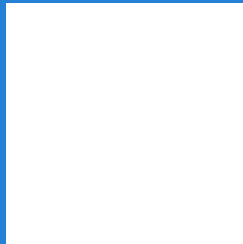
Any Text WCAG AAA × Fail

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

Android 4280582614 Background



This preview shows how black text looks on a background with the Android color 4280582614.



This preview shows how white text looks on a background with the Android color 4280582614.

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



Trichromacy



Original Color
4280582614

Protanomaly
4282809810

Deuteranomaly
4281565399

Tritanomaly
4279076781

Monochromacy



Original Color
4280582614

Achromatopsia
4285493103

Achromatomaly
4283725460

CSS Examples

Text

The CSS property to change the color of the text to Android 4280582614 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(36, 129, 214)` looks like.

```
.text, #text, p{  
    color:rgb(36, 129, 214)  
}
```

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(36, 129, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 129, 214) }
```

Border

The CSS property to change the border of an element to Android 4280582614 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(36, 129, 214) }
```

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

```
.border{ border-color:rgb(36, 129, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 129, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 129, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 129, 214);  
box-shadow:4px 4px 4px 4px rgb(36, 129,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4280582614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 129, 214) }
```

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

```
.background{ background-color: rgb(36, 129,  
214) }
```

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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