

Converting Colors

Android(4280503513)

Have a look what the booklet for
Android(4280503513) contains.

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Color

Android(4280503513)

Conversions

Conversions Part 1

Format	Color
Hex	234CD9
RGB	35, 76, 217
RGB Percent	14%, 30%, 85%
CMY	0.8627, 0.7020, 0.1490
CMYK	0.84, 0.65, 0.00, 0.15
HSL	226°, 72%, 49%
HSV	226°, 84%, 85%
XYZ	15.8020, 10.5360, 66.8464
YIQ	79.8150, -69.6970, 35.1590

Conversions

Conversions Part 2

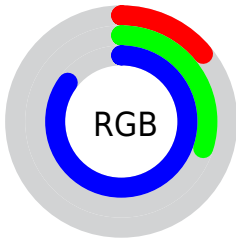
Format	Color
R _Y B	35, 68, 217
Decimal	2313433
CIE Lab	38.79, 38.78, -75.52
CIE LCh	39, 84.895, 297.180
Yxy	10.5360, 0.1696, 0.1131
Android (android.graphics.Color)	4280503513 (0xFF234CD9)
YUV	79.8150, 67.6322, -39.3028
Hunter-Lab	32.4591, 30.0950, -99.3805

Details

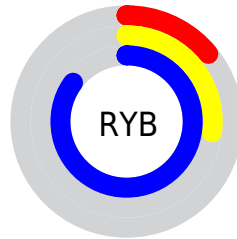
The Android color `4280503513` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4292456483`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4285693439`, and `4278198689` is the 20% darker color. If you saturate the color by 10%, you get `4279057369`, and if you desaturate by 10%, it is `4281949657`.

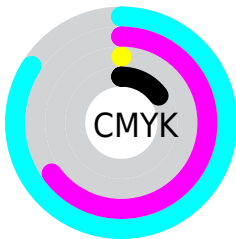
Distribution



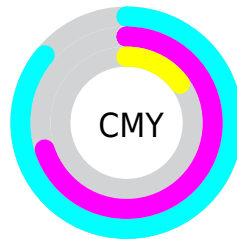
- Red (14%)
- Green (30%)
- Blue (85%)



- Red (14%)
- Yellow (27%)
- Blue (85%)



- Cyan (84%)
- Magenta (65%)
- Yellow (0%)
- Black (15%)



- Cyan (86%)
- Magenta (70%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280503513 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 4280503513 by changing the saturation by 10% instead.

 4280503513

 4280503513

4294967295

 4278204093

 4285693439

 4278198689

 4287797247

 4278194054

 4289835519

 4278190188

 4291874303

 4278192978

 4293913087

 4278191418

 4278190628

 4278190091

 4278190080

■ 4280503513

■ 4280503513

■ 4279057369

■ 4281949657

■ 4278202841

■ 4283330265

■ 4284776153

■ 4286222297

■ 4287668441

■ 4289049049

■ 4290495193

■ 4291941081

■ 4293321689

Harmonies

Analogous

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



4278216937



4280503513



4288872616

Triad

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



4280503513



4289212928



4278219859

Complementary

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



4280503513



4292456483

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.



4278219008



4280503513



4285945600

Square

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



4280503513



4291231778



4281231616



4278220441

Rectangle

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



4280503513



4290904188



4281231616



4278219834

Sweetspot

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



4280503513



4290760447



4280539567



4284048000



4278190080



4286611584

Same Dimension

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



4280503513



4278204927



4283704281



4284704110



4278200237



4278192686

Inverse Universe

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



4292420428



4294901817



4289255715



4285424485



4289527847



4281204746

Previews

White Background



This preview shows how the Android color 4280503513 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



This preview shows how the Android color 4280503513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

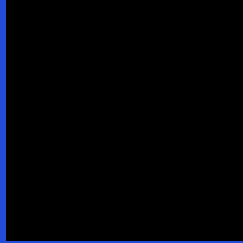
Any Text WCAG AA × Fail

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 4280503513 Background



This preview shows how black text looks on a background with the Android color 4280503513.



This preview shows how white text looks on a background with the Android color 4280503513.

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
4280503513

Protanopia
4278212537

Deuteranopia
4278214046

Trichromacy



Original Color
4280503513

Protanomaly
4279063493

Deuteranomaly
4279064499

Tritanomaly
4279065747

Monochromacy



Original Color
4280503513

Achromatopsia
4283453520

Achromatomaly
4282404738

CSS Examples

Text

The CSS property to change the color of the text to Android 4280503513 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(35, 76, 217)` looks like.

```
.text, #text, p{  
    color:rgb(35, 76, 217)  
}
```

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(35, 76, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 76, 217) }
```

Border

The CSS property to change the border of an element to Android 4280503513 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(35, 76, 217) }
```

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

```
.border{ border-color:rgb(35, 76, 217) }
```

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

Here you see how a box with a 4 pixel rgb(35, 76, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 76, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 76, 217);  
box-shadow:4px 4px 4px 4px rgb(35, 76,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4280503513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 76, 217) }
```

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

```
.background{ background-color: rgb(35, 76,  
217) }
```

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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