

Converting Colors

Android(4280512467)

Have a look what the booklet for
Android(4280512467) contains.

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Color

Android(4280512467)

Conversions

Conversions Part 1

Format	Color
Hex	236FD3
RGB	35, 111, 211
RGB Percent	14%, 44%, 83%
CMY	0.8627, 0.5647, 0.1725
CMYK	0.83, 0.47, 0.00, 0.17
HSL	214°, 72%, 48%
HSV	214°, 83%, 83%
XYZ	18.1354, 16.4294, 63.8434
YIQ	99.6760, -77.3960, 14.9880

Conversions

Conversions Part 2

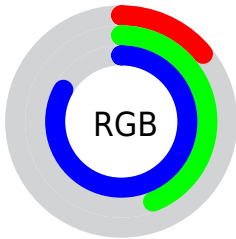
Format	Color
R_{YB}	35, 88, 211
Decimal	2322387
CIE _{Lab}	47.53, 14.00, -57.86
CIE _{LCh}	48, 59.528, 283.604
Yxy	16.4294, 0.1843, 0.1670
Android (android.graphics.Color)	4280512467 (0xFF236FD3)
YUV	99.6760, 54.8827, -56.7209
Hunter-Lab	40.5331, 8.9320, -65.0139

Details

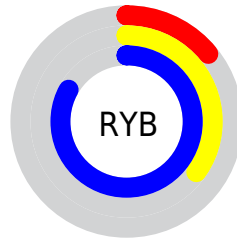
The Android color `4280512467` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292052771`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4285440767`, and `4278206620` is the 20% darker color. If you saturate the color by 10%, you get `4279133139`, and if you desaturate by 10%, it is `4281891795`.

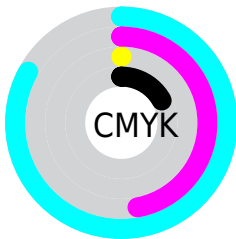
Distribution



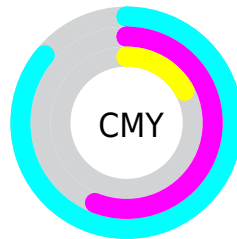
- Red (14%)
- Green (44%)
- Blue (83%)



- Red (14%)
- Yellow (35%)
- Blue (83%)



- Cyan (83%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)



- Cyan (86%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280512467 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 4280512467 by changing the saturation by 10% instead.

■ 4280512467

■ 4280512467

4294967295

■ 4278212535

■ 4285440767

■ 4278206620

■ 4287544831

■ 4278201473

■ 4289517823

■ 4278196583

■ 4291556863

■ 4278191950

■ 4293525503

■ 4278191415

■ 4278190624

■ 4278190085

■ 4278190080

■ 4280512467

■ 4280512467

■ 4279133139

■ 4281891795

■ 4278213587

■ 4283271123

■ 4284650451

■ 4286029779

■ 4287474643

■ 4288853971

■ 4290233299

■ 4291612627

■ 4292991955

Harmonies

Analogous

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



4278222545



4280512467



4287584442

Triad

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



4280512467



4290596397



4278224467

Complementary

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



4280512467



4292052771

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.



4281827359



4280512467



4288570368

Square

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



4280512467



4291443548



4285756928



4278225031

Rectangle

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



4280512467



4289808542



4285756928



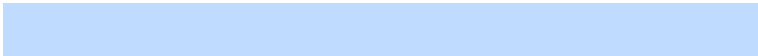
4278223937

Sweetspot

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



4280512467



4290763775



4280537991



4284050048



4278190080



4286611584

Same Dimension

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



4280512467



4278218495



4281279443



4284375913



4278208936



4278194729

Inverse Universe

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



4292027247



4294901870



4291285795



4285095523



4289200201



4280877074

Previews

White Background



This preview shows how the Android color 4280512467 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 4280512467 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 4280512467 Background



This preview shows how black text looks on a background with the Android color 4280512467.



This preview shows how white text looks on a background with the Android color 4280512467.

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
4280512467

Protanomaly
4281560786

Deuteranomaly
4279071181

Tritanomaly
4279072929

Monochromacy



Original Color
4280512467

Achromatopsia
4284769380

Achromatomaly
4283197580

CSS Examples

Text

The CSS property to change the color of the text to Android 4280512467 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, 111, 211)` looks like.

```
.text, #text, p{  
    color:rgb(35, 111, 211)  
}
```

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, 111, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 111, 211) }
```

Border

The CSS property to change the border of an element to Android 4280512467 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, 111, 211) }
```

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

```
.border{ border-color:rgb(35, 111, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 111, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 111, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 111, 211);  
box-shadow:4px 4px 4px 4px rgb(35, 111,  
211) }
```

Background

The CSS property to change the background color of an element to Android 4280512467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 111, 211) }
```

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

```
.background{ background-color: rgb(35, 111,  
211) }
```

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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