

Converting Colors

Android(4280430506)

Have a look what the booklet for
Android(4280430506) contains.

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Color

Android(4280430506)

Conversions

Conversions Part 1	
Format	Color
Hex	222FAA
RGB	34, 47, 170
RGB Percent	13%, 18%, 67%
CMY	0.8667, 0.8157, 0.3333
CMYK	0.80, 0.72, 0.00, 0.33
HSL	234°, 67%, 40%
HSV	234°, 80%, 67%
XYZ	8.9319, 5.2754, 38.5777
YIQ	57.1350, -47.2310, 35.4970

Conversions

Conversions Part 2

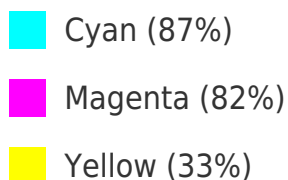
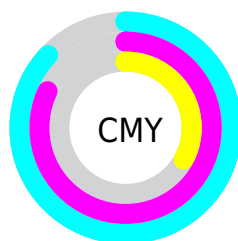
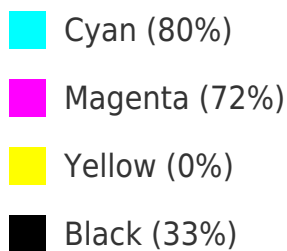
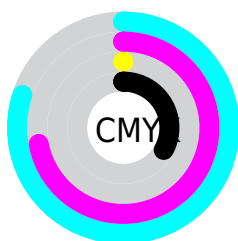
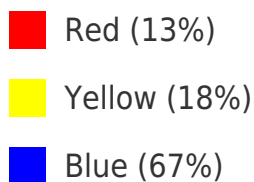
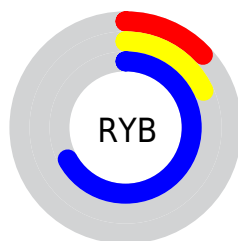
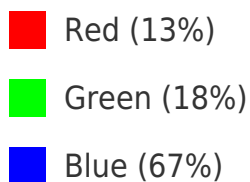
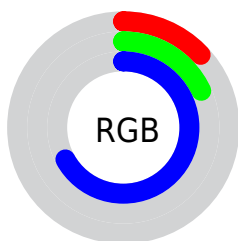
Format	Color
RYB	34, 46, 170
Decimal	2240426
CIELab	27.51, 39.80, -66.51
CIELCh	28, 77.509, 300.894
Yxy	5.2754, 0.1692, 0.0999
Android (android.graphics.Color)	4280430506 (0xFF222FAA)
YUV	57.1350, 55.6424, -20.2894
Hunter-Lab	22.9682, 29.2209, -83.5064

Details

The Android color **4280430506** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4289371426**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4285030114**, and **4278191732** is the 20% darker color. If you saturate the color by 10%, you get **4279312554**, and if you desaturate by 10%, it is **4281548458**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4280430506 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 4280430506 by changing the saturation by 10% instead.

 4280430506

 4280430506

4294967295

 4278196623

 4285030114

 4278191732

 4287002623

 4278190171

 4288909823

 4278191938

 4290882559

 4278190891

 4292855807

 4278190357

 4294829055

 4278190080

 4280430506

 4280430506

 4279312554

 4281548458

 4278194346

 4282666666

 4283784618

 4284902826

 4286020778

 4287138730

 4288256938

 4289374890

 4290492842

Harmonies

Analogous

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



4278209468



4280430506



4286840956

Triad

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



4280430506



4286324736



4278211905

Complementary

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



4280430506



4289371426

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.



4278211328



4280430506



4283383808

Square

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



4280430506



4288217094



4278210048



4278212478

Rectangle

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



4280430506



4288348246



4278210048



4278211884

Sweetspot

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



4280430506



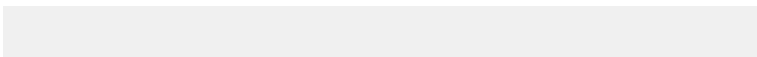
4289310430



4280461980



4283454320



4293980400



4285558896

Same Dimension

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



4280430506



4278787550



4283966122



4283190612



4278193812



4278190612

Inverse Universe

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



4289339951



4292741405



4285835810



4283714637



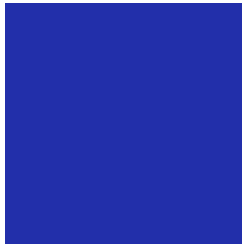
4287889422



4279500802

Previews

White Background



This preview shows how the Android color 4280430506 looks on a white background.

Color Contrast Check

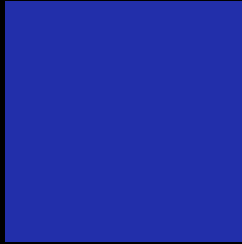
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Android color 4280430506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

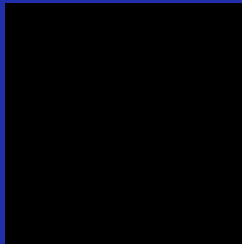
Any Text WCAG AA × Fail

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 4280430506 Background



This preview shows how black text looks on a background with the Android color 4280430506.



This preview shows how white text looks on a background with the Android color 4280430506.

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

4280430506

Protanopia

4278206340

Deuteranopia

4278207344

Trichromacy

	Original Color 4280430506
	Protanomaly 4278991250
	Deuteranomaly 4278992005
	Tritanomaly 4278992750

Monochromacy

	Original Color 4280430506
	Achromatopsia 4281940281
	Achromatomaly 4281415010

CSS Examples

Text

The CSS property to change the color of the text to Android 4280430506 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(34, 47, 170)` looks like.

```
.text, #text, p{  
    color:rgb(34, 47, 170)  
}
```

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(34, 47, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 47, 170) }
```

Border

The CSS property to change the border of an element to Android 4280430506 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(34, 47, 170) }
```

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

```
.border{ border-color:rgb(34, 47, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 47, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 47, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 47, 170);  
box-shadow:4px 4px 4px 4px rgb(34, 47,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4280430506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 47, 170) }
```

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

```
.background{ background-color: rgb(34, 47,  
170) }
```

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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