

# Converting Colors

Android(4280512206)

Have a look what the booklet for  
Android(4280512206) contains.

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# Color

**Android(4280512206)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 236ECE                     |
| RGB           | 35, 110, 206               |
| RGB Percent   | 14%, 43%, 81%              |
| CMY           | 0.8627, 0.5686, 0.1922     |
| CMYK          | 0.83, 0.47, 0.00, 0.19     |
| HSL           | 214°, 71%, 47%             |
| HSV           | 214°, 83%, 81%             |
| XYZ           | 17.4096, 15.9654, 60.5566  |
| YIQ           | 98.5190, -75.5160, 13.9560 |

# Conversions

## Conversions Part 2

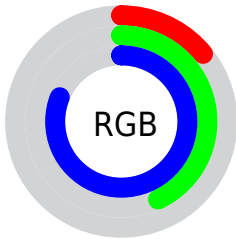
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 35, 87, 206                   |
| Decimal                             | 2322126                       |
| CIE <sub>Lab</sub>                  | 46.93, 12.71, -55.98          |
| CIE <sub>LCh</sub>                  | 47, 57.401, 282.795           |
| Yxy                                 | 15.9654, 0.1853,<br>0.1700    |
| Android<br>(android.graphics.Color) | 4280512206<br>(0xFF236ECE)    |
| YUV                                 | 98.5190, 52.9881,<br>-55.7062 |
| Hunter-Lab                          | 39.9567, 7.8503,<br>-61.8874  |

# Details

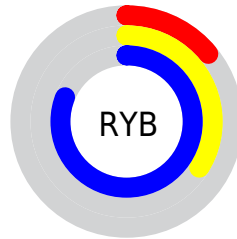
The Android color `4280512206` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark muted azure. A complement of this color would be `4291724067`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4285374975`, and `4278206615` is the 20% darker color. If you saturate the color by 10%, you get `4279132878`, and if you desaturate by 10%, it is `4281891534`.

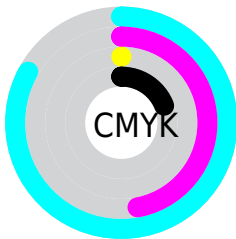
# Distribution



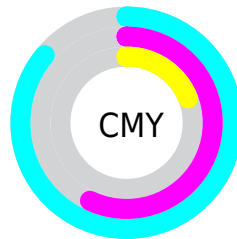
- Red (14%)
- Green (43%)
- Blue (81%)



- Red (14%)
- Yellow (34%)
- Blue (81%)



- Cyan (83%)
- Magenta (47%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (57%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280512206 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 4280512206 by changing the saturation by 10% instead.



 4280512206

 4280512206

4294967295

 4278212274

 4285374975

 4278206615

 4287413503

 4278201212

 4289452031

 4278196323

 4291425535

 4278192458

 4293394431

 4278191155

 4278190621

 4278190080

 4280512206

 4280512206

■ 4279132878

■ 4281891534

■ 4278213326

■ 4283205070

■ 4284584398

■ 4285897934

■ 4287277262

■ 4288656334

■ 4289970126

■ 4291349454

■ 4292662990

# Harmonies

## Analogous

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



4278222028



4280512206



4287322551

# Triad

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



4280512206



4290399535



4278223953

# Complementary

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



4280512206



4291724067

# 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.



4282088992



4280512206



4288439040

# Square

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



4280512206



4291116381



4285756160



4278224259

# Rectangle

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



4280512206



4289481116



4285756160



4278223424



# Sweetspot

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



4280512206



4290763775



4280536705



4284050048



4278190080



4286611584



# Same Dimension

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



4280512206



4278219007



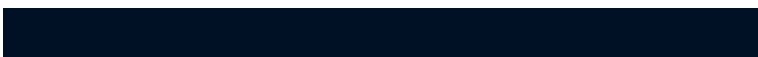
4281082830



4284244070



4278208934



4278194470



# Inverse Universe

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



4291699566



4294901872



4291153443



4284898400



4289069129



4280680465



# Previews

## White Background



This preview shows how the Android color 4280512206 looks on a white background.

## Color Contrast Check

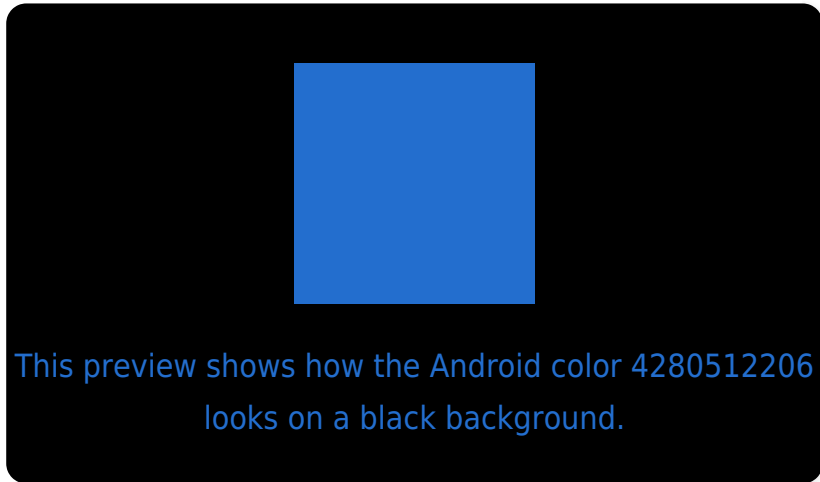
Large Text (above 18pt) WCAG AA ✓ Pass

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

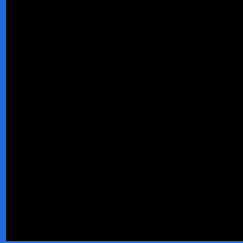
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

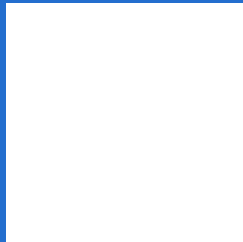
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280512206 Background



This preview shows how black text looks on a background with the Android color 4280512206.



This preview shows how white text looks on a background with the Android color 4280512206.

# 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**

4280512206

**Protanomaly**

4281625804

**Deuteranomaly**

4279070922

**Tritanomaly**

4279072414

# Monochromacy



**Original Color**

4280512206

**Achromatopsia**

4284703587

**Achromatomaly**

4283197322

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280512206 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, 110, 206)` looks like.

```
.text, #text, p{  
    color:rgb(35, 110, 206)  
}
```

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, 110, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 110, 206) }
```

## Border

The CSS property to change the border of an element to Android 4280512206 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, 110, 206) }
```

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

```
.border{ border-color:rgb(35, 110, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 110, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 110, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 110, 206);  
box-shadow:4px 4px 4px 4px rgb(35, 110,  
206) }
```

# Background

The CSS property to change the background color of an element to Android 4280512206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 110, 206) }
```

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

```
.background{ background-color: rgb(35, 110,  
206) }
```

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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