

# Converting Colors

Android(4280523006)

Have a look what the booklet for  
Android(4280523006) contains.

<b>Android(4280523006)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280523006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2398FE
RGB	35, 152, 254
RGB Percent	14%, 60%, 100%
CMY	0.8627, 0.4039, 0.0039
CMYK	0.86, 0.40, 0.00, 0.00
HSL	208°, 99%, 57%
HSV	208°, 86%, 100%
XYZ	29.8108, 29.9696, 97.9794
YIQ	128.6450, -102.4740, 6.9180

# Conversions

## Conversions Part 2

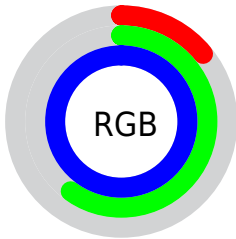
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	35, 111, 254
Decimal	2332926
CIELab	61.63, 5.11, -59.25
CIElCh	62, 59.467, 274.931
Yxy	29.9696, 0.1890, 0.1900
Android (android.graphics.Color)	4280523006 (0xFF2398FE)
YUV	128.6450, 61.8000, -82.1267
Hunter-Lab	54.7445, 1.3983, -67.7938

# Details

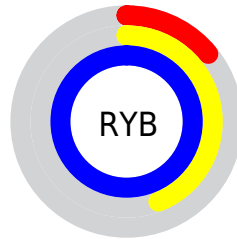
The Android color `4280523006` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4294871331`, and the grayscale version is `4286611584`.

A 20% lighter version of the original color is `4286107391`, and `4278216389` is the 20% darker color. If you saturate the color by 10%, you get `4278881534`, and if you desaturate by 10%, it is `4282164478`.

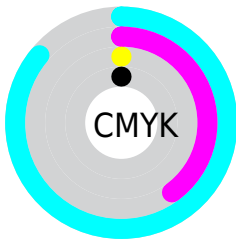
# Distribution



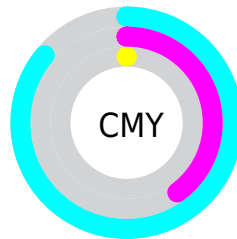
- Red (14%)
- Green (60%)
- Blue (100%)



- Red (14%)
- Yellow (44%)
- Blue (100%)



- Cyan (86%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)



















- Cyan (86%)
- Magenta (40%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280523006 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 4280523006 by changing the saturation by 10% instead.



 4280523006	 4280523006
4294967295	 4278222561
 4286107391	 4278216389
 4288277247	 4278210217
 4290379775	 4278204814
 4292476927	 4278199668
 4294508543	 4278193754
	 4278191938
	 4278190891
	 4278190357

■ 4280523006

■ 4280523006

■ 4278881534

■ 4282164478

■ 4278225150

■ 4283871486

■ 4285512702

■ 4287219710

■ 4288861182

■ 4290502654

■ 4292209662

■ 4293851134

4294967294

# Harmonies

## Analogous

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



4278232820



4280523006



4288840684

# Triad

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



4280523006



4293881179



4278233958

# Complementary

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



4280523006



4294871331

# 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.



4285637432



4280523006



4292051506

# Square

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



4280523006



4294140814



4289238303



4278234780

# Rectangle

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



4280523006



4291589330



4289238303



4282296661

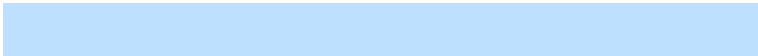


# Sweetspot

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



4280523006



4290633983



4280548998



4283985280



4278190080



4286611584



# Same Dimension

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



4280523006



4278225151



4280495870



4285758080



4278216383



4278198848



# Inverse Universe

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



4294845336



4294901896



4294898467



4286608250



4290707558



4282384418



# Previews

## White Background



This preview shows how the Android color 4280523006 looks on a white background.

## Color Contrast Check

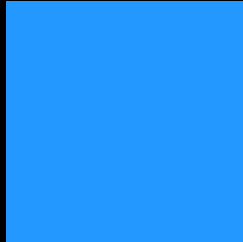
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280523006 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

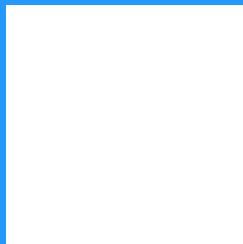
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280523006 Background



This preview shows how black text looks on a background with the Android color 4280523006.



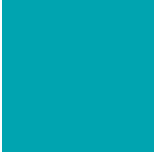
This preview shows how white text looks on a background with the Android color 4280523006.

# 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**  
4280523006

**Protanomaly**  
4283470842

**Deuteranomaly**  
4281767679

**Tritanomaly**  
4279083212

# Monochromacy



**Original Color**  
4280523006

**Achromatopsia**  
4286677377

**Achromatomaly**  
4284451246

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280523006 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, 152, 254)` looks like.

```
.text, #text, p{  
    color:rgb(35, 152, 254)  
}
```

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, 152, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 152, 254) }
```

## Border

The CSS property to change the border of an element to Android 4280523006 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, 152, 254) }
```

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

```
.border{ border-color:rgb(35, 152, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 152, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 152, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 152, 254);  
box-shadow:4px 4px 4px 4px rgb(35, 152,  
254) }
```

# Background

The CSS property to change the background color of an element to Android 4280523006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 152, 254) }
```

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

```
.background{ background-color: rgb(35, 152,  
254) }
```

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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