

Converting Colors

Android(4278237706)

Have a look what the booklet for
Android(4278237706) contains.

Android(4278237706)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278237706)

Conversions

Conversions Part 1

Format	Color
Hex	00BA0A
RGB	0, 186, 10
RGB Percent	0%, 73%, 4%
CMY	1.0000, 0.2706, 0.9608
CMYK	1.00, 0.00, 0.95, 0.27
HSL	123°, 100%, 36%
HSV	123°, 100%, 73%
XYZ	17.6137, 35.1397, 6.1415
YIQ	110.3220, -54.3600, -94.1680

Conversions

Conversions Part 2

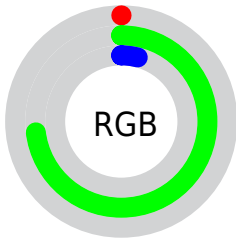
Format	Color
RYB	0, 177, 186
Decimal	47626
CIELab	65.86, -67.77, 64.43
CIELCh	66, 93.511, 136.446
Yxy	35.1397, 0.2991, 0.5967
Android (android.graphics.Color)	4278237706 (0xFF00BA0A)
YUV	110.3220, -49.4587, -96.7524
Hunter-Lab	59.2788, -50.6996, 35.3525

Details

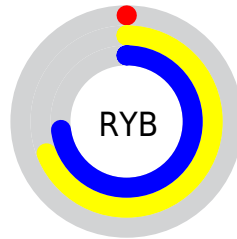
The Android color **4278237706** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4290379952**, and the grayscale version is **4285493103**.

A 20% lighter version of the original color is **4284806225**, and **4278223616** is the 20% darker color. If you saturate the color by 10%, you get **4278237706**, and if you desaturate by 10%, it is **4279482908**.

Distribution



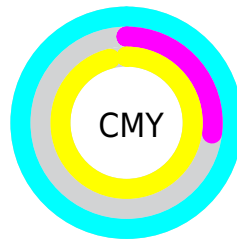
- Red (0%)
- Green (73%)
- Blue (4%)



- Red (0%)
- Yellow (69%)
- Blue (73%)



- Cyan (100%)
- Magenta (0%)
- Yellow (95%)
- Black (27%)



- Cyan (100%)
- Magenta (27%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278237706 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 4278237706 by changing the saturation by 10% instead.

 4278237706

 4278237706

4294967295

 4278230528

 4284806225

 4278223616

 4286906221

 4278216704

 4288937865

 4278210304

 4290969509

 4278204160

 4293001153

 4278197504

 4294967263

 4278190080

 4294967292

 4278237706

 4279482908

 4280662573

 4281907775

 4283087440

 4284332642

 4285577844

 4286757509

 4288002711

 4289182376

Harmonies

Analogous

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



4288064000



4278237706



4278239606

Triad

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



4278237706



4278236671



4294914166

Complementary

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



4278237706



4290379952

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.



4294916298



4278237706



4278230015

Square

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



4278237706



4278239743



4292505599



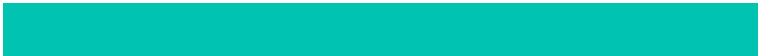
4294927394

Rectangle

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



4278237706



4278240433



4292505599



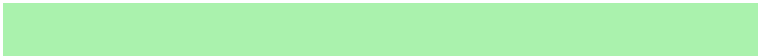
4294911634

Sweetspot

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



4278237706



4289393325



4289837568



4283333201



4294638330



4286216826

Same Dimension

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



4278237706



4278252045



4278237798



4283653203



4278230024



4278197250

Inverse Universe

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



4290379952



4294050021



4290379860



4284240731



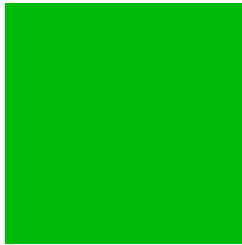
4288413843



4280025115

Previews

White Background



This preview shows how the Android color 4278237706 looks on a white background.

Color Contrast Check

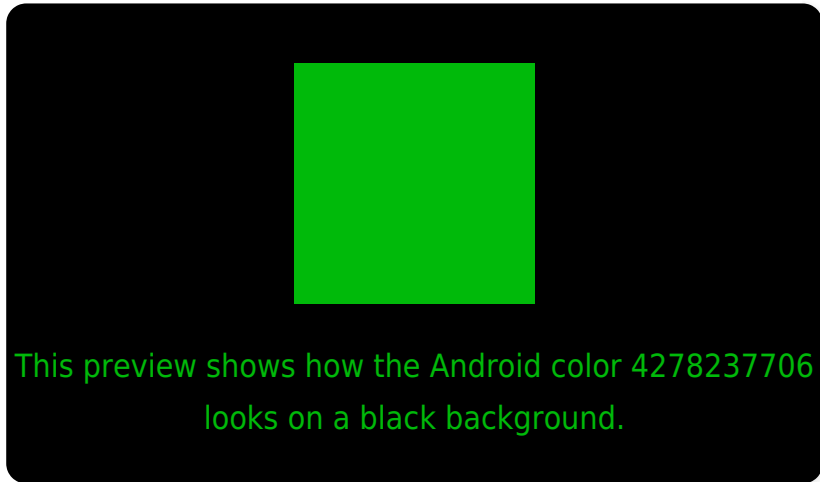
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

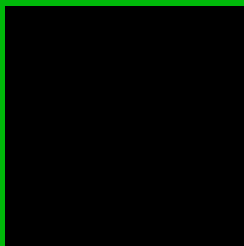
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4278237706 Background



This preview shows how black text looks on a background with the Android color 4278237706.



This preview shows how white text looks on a background with the Android color 4278237706.

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
4278237706

Protanopia
4289961728

Deuteranopia
4291335977

Trichromacy



Original Color

4278237706



Protanomaly

4285704452



Deuteranomaly

4286555166



Tritanomaly

4281512571

Monochromacy



Original Color

4278237706



Achromatopsia

4285427310



Achromatomaly

4282813002

CSS Examples

Text

The CSS property to change the color of the text to Android 4278237706 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(0, 186, 10)` looks like.

```
.text, #text, p{  
    color:rgb(0, 186, 10)  
}
```

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(0, 186, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 186, 10) }
```

Border

The CSS property to change the border of an element to Android 4278237706 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(0, 186, 10) }
```

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

```
.border{ border-color:rgb(0, 186, 10) }
```

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

Here you see how a box with a 4 pixel rgb(0, 186, 10) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 186, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 186, 10);  
box-shadow:4px 4px 4px 4px rgb(0, 186, 10)  
}
```

Background

The CSS property to change the background color of an element to Android 4278237706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 186, 10) }
```

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

```
.background{ background-color: rgb(0, 186,  
10) }
```

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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