

Converting Colors

Android(4278224373)

Have a look what the booklet for
Android(4278224373) contains.

Android(4278224373)	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(4278224373)

Conversions

Conversions Part 1

Format	Color
Hex	0085F5
RGB	0, 133, 245
RGB Percent	0%, 52%, 96%
CMY	1.0000, 0.4784, 0.0392
CMYK	1.00, 0.46, 0.00, 0.04
HSL	207°, 100%, 48%
HSV	207°, 100%, 96%
XYZ	24.8690, 23.3676, 89.5859
YIQ	106.0010, -115.2200, 6.6360

Conversions

Conversions Part 2

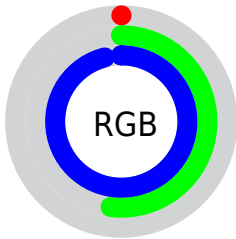
Format	Color
R _Y B	0, 86, 245
Decimal	34293
CIE Lab	55.45, 11.83, -64.22
CIE LCh	55, 65.301, 280.436
Yxy	23.3676, 0.1804, 0.1695
Android (android.graphics.Color)	4278224373 (0xFF0085F5)
YUV	106.0010, 68.5265, -92.9629
Hunter-Lab	48.3401, 7.2357, -76.0407

Details

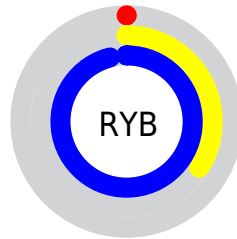
The Android color `4278224373` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark saturated azure. A complement of this color would be `4294275072`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4285446655`, and `4278212028` is the 20% darker color. If you saturate the color by 10%, you get `4278224373`, and if you desaturate by 10%, it is `4279800053`.

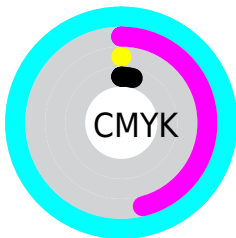
Distribution



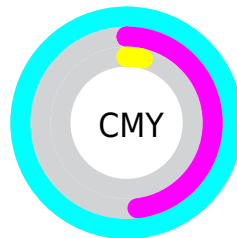
- Red (0%)
- Green (52%)
- Blue (96%)



- Red (0%)
- Yellow (34%)
- Blue (96%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (4%)



- Cyan (100%)
- Magenta (48%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224373 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 4278224373 by changing the saturation by 10% instead.

 4278224373

 4278224373

4294967295

 4278217944

 4285446655

 4278212028

 4287616511

 4278206112

 4289786367

 4278200965

 4291821567

 4278196075

 4293918719

 4278192978

 4278191674

 4278190628

 4278190091

■ 4278224373

■ 4279800053

■ 4281441269

■ 4283082741

■ 4284658421

■ 4286299637

■ 4287875317

■ 4289450997

■ 4291092469

■ 4292733685

Harmonies

Analogous

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



4278228464



4278224373



4288703708

Triad

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



4278224373



4292762430



4278230109

Complementary

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



4278224373



4294275072

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.



4283340068



4278224373



4290606084

Square

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



4278224373



4293478771



4287465472



4278230936

Rectangle

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



4278224373



4291386046



4287465472



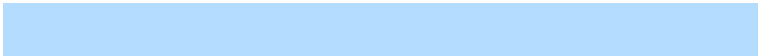
4278229833

Sweetspot

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



4278224373



4289977599



4278252910



4283591552



4278190080



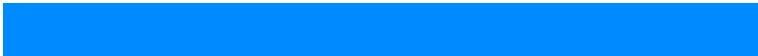
4286611584

Same Dimension

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



4278224373



4278225663



4278193397



4285429114



4278216122



4278198331

Inverse Universe

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



4294246533



4294901898



4294306048



4286213749



4290379877



4282056736

Previews

White Background



This preview shows how the Android color 4278224373 looks on a white background.

Color Contrast Check

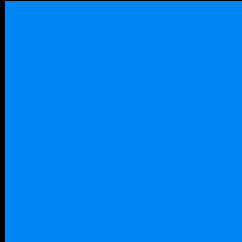
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278224373 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

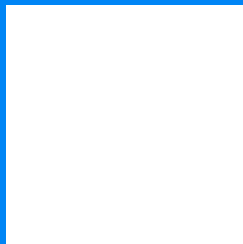
Any Text WCAG AAA × Fail

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

Android 4278224373 Background



This preview shows how black text looks on a background with the Android color 4278224373.



This preview shows how white text looks on a background with the Android color 4278224373.

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
4278224373

Protanomaly
4281434866

Deuteranomaly
4278224624

Tritanomaly
4278226621

Monochromacy



Original Color
4278224373

Achromatopsia
4285164138

Achromatomaly
4282610845

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224373 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, 133, 245)` looks like.

```
.text, #text, p{  
    color:rgb(0, 133, 245)  
}
```

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, 133, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 133, 245) }
```

Border

The CSS property to change the border of an element to Android 4278224373 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, 133, 245) }
```

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

```
.border{ border-color:rgb(0, 133, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 133, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 133, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 133, 245);  
box-shadow:4px 4px 4px 4px rgb(0, 133,  
245) }
```

Background

The CSS property to change the background color of an element to Android 4278224373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 133, 245) }
```

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

```
.background{ background-color: rgb(0, 133,  
245) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor