

Converting Colors

Android(4278224567)

Have a look what the booklet for
Android(4278224567) contains.

Android(4278224567)	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(4278224567)

Conversions

Conversions Part 1

Format	Color
Hex	0086B7
RGB	0, 134, 183
RGB Percent	0%, 53%, 72%
CMY	1.0000, 0.4745, 0.2824
CMYK	1.00, 0.27, 0.00, 0.28
HSL	196°, 100%, 36%
HSV	196°, 100%, 72%
XYZ	17.0723, 20.4691, 47.8509
YIQ	99.5200, -95.5930, -13.1690

Conversions

Conversions Part 2

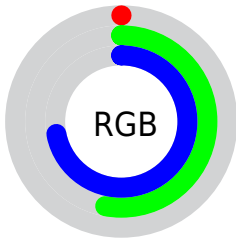
Format	Color
RYB	0, 77, 183
Decimal	34487
CIELab	52.36, -12.56, -34.19
CIELCh	52, 36.422, 249.831
Yxy	20.4691, 0.1999, 0.2397
Android (android.graphics.Color)	4278224567 (0xFF0086B7)
YUV	99.5200, 41.1556, -87.2790
Hunter-Lab	45.2428, -11.8180, -31.0379

Details

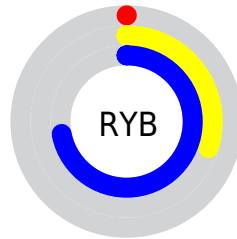
The Android color `4278224567` is a dark color, and the websafe version is hex `3399CC`. A complement of this color would be `4290195712`, and the grayscale version is `4284703587`.

A 20% lighter version of the original color is `4284398575`, and `4278211714` is the 20% darker color. If you saturate the color by 10%, you get `4278224567`, and if you desaturate by 10%, it is `4279405495`.

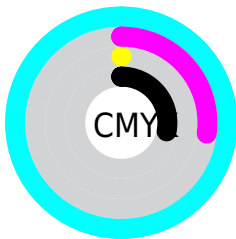
Distribution



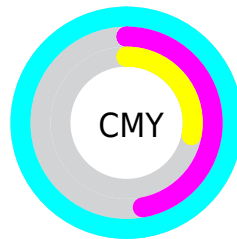
- Red (0%)
- Green (53%)
- Blue (72%)



- Red (0%)
- Yellow (30%)
- Blue (72%)



- Cyan (100%)
- Magenta (27%)
- Yellow (0%)
- Black (28%)



- Cyan (100%)
- Magenta (47%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278224567 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 4278224567 by changing the saturation by 10% instead.



4278224567



4278224567

4294967295



4278218140



4284398575



4278211714



4286437375



4278205800



4288410623



4278200400



4290379775



4278195001



4292345855



4278190627



4294377471



4278190089



4278190080



4278224567

■ 4279405495

■ 4280651959

■ 4281832887

■ 4283013815

■ 4284260279

■ 4285440951

■ 4286621879

■ 4287802807

■ 4289049271

Harmonies

Analogous

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



4278225828



4278224567



4284317114

Triad

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



4278224567



4290274164



4284778315

Complementary

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



4278224567



4290195712

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.



4287004222



4278224567



4290013526

Square

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



4278224567



4289488787



4288836674



4281961574

Rectangle

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



4278224567



4286543283



4288836674



4285563973

Sweetspot

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



4278224567



4289125101



4278236977



4283264120



4294440951



4286085240

Same Dimension

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



4278224567



4278234861



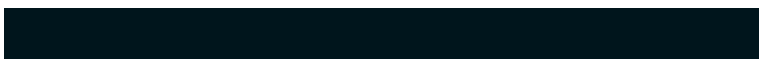
4278201271



4283652444



4278219420



4278195484

Inverse Universe

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



4290183302



4293722286



4290219008



4284240729



4288413810



4280025109

Previews

White Background



This preview shows how the Android color 4278224567 looks on a white background.

Color Contrast Check

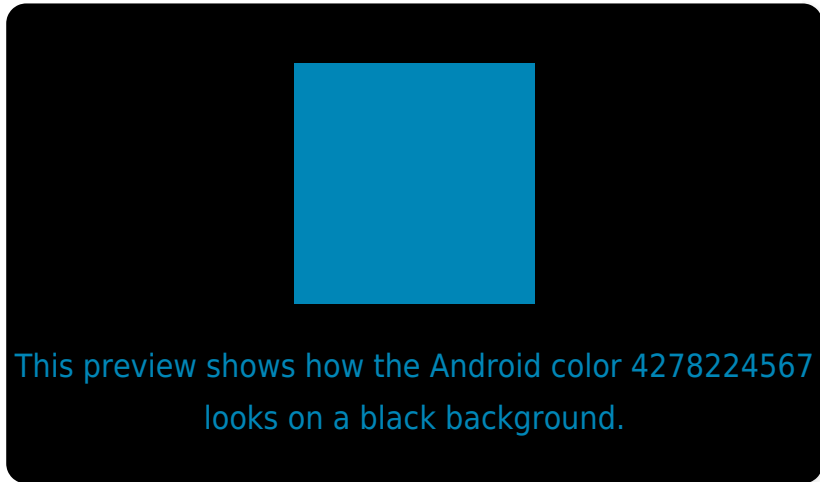
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

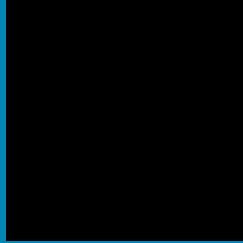
Any Text WCAG AA ✓ Pass

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 4278224567 Background



This preview shows how black text looks on a background with the Android color 4278224567.



This preview shows how white text looks on a background with the Android color 4278224567.

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
4278224567

Protanomaly
4282744753

Deuteranomaly
4282286264

Tritanomaly
4278225313

Monochromacy



Original Color
4278224567

Achromatopsia
4284769380

Achromatomaly
4282413186

CSS Examples

Text

The CSS property to change the color of the text to Android 4278224567 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, 134, 183)` looks like.

```
.text, #text, p{  
    color:rgb(0, 134, 183)  
}
```

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, 134, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 134, 183) }
```

Border

The CSS property to change the border of an element to Android 4278224567 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, 134, 183) }
```

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

```
.border{ border-color:rgb(0, 134, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 134, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 134, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 134, 183);  
box-shadow:4px 4px 4px 4px rgb(0, 134,  
183) }
```

Background

The CSS property to change the background color of an element to Android 4278224567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 134, 183) }
```

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

```
.background{ background-color: rgb(0, 134,  
183) }
```

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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