

Converting Colors

Android(4293018178)

Have a look what the booklet for
Android(4293018178) contains.

Android(4293018178)	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(4293018178)

Conversions

Conversions Part 1

Format	Color
Hex	E24242
RGB	226, 66, 66
RGB Percent	89%, 26%, 26%
CMY	0.1137, 0.7412, 0.7412
CMYK	0.00, 0.71, 0.71, 0.11
HSL	0°, 73%, 57%
HSV	0°, 71%, 89%
XYZ	34.2956, 20.4585, 7.2956
YIQ	113.8400, 95.3600, 33.9200

Conversions

Conversions Part 2

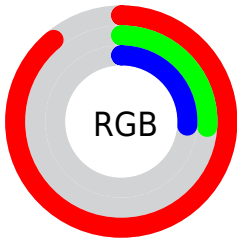
Format	Color
R_{YB}	226, 66, 66
Decimal	14828098
CIE _{Lab}	52.35, 61.34, 36.62
CIE _{LCh}	52, 71.439, 30.833
Yxy	20.4585, 0.5527, 0.3297
Android (android.graphics.Color)	4293018178 (0xFFE24242)
YUV	113.8400, -23.5851, 98.3643
Hunter-Lab	45.2311, 56.1898, 22.0986

Details

The Android color **4293018178** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **4282573538**, and the grayscale version is **4285690482**.

A 20% lighter version of the original color is **4294933618**, and **4288872470** is the 20% darker color. If you saturate the color by 10%, you get **4293012267**, and if you desaturate by 10%, it is **4293024089**.

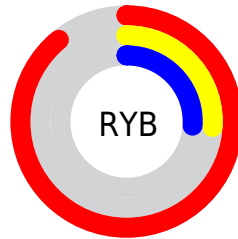
Distribution



Red (89%)

Green (26%)

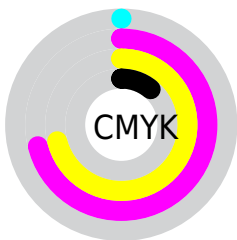
Blue (26%)



Red (89%)

Yellow (26%)

Blue (26%)

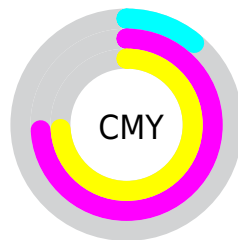


Cyan (0%)

Magenta (71%)

Yellow (71%)

Black (11%)



Cyan (11%)

Magenta (74%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Android color 4293018178 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 4293018178 by changing the saturation by 10% instead.

 4293018178

 4293018178

4294967295

 4290912300

 4294933618

 4288872470

 4294940812

 4286840832

 4294948262

 4284809216

 4294955714

 4282908674

 4294963166

 4280877057

 4294967290

 4278190080

 4293018178

 4293018178

 4293012267

 4293024089

■ 4293006613

■ 4293029743

■ 4293001216

■ 4293035654

■ 4293041308

■ 4293047219

■ 4293053130

■ 4293058784

■ 4293064695

■ 4293066751

Harmonies

Analogous

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



4293210750



4293018178



4291060224

Triad

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



4293018178



4278228028



4278224121

Complementary

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



4293018178



4282573538

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.



4278227688



4293018178



4278228861

Square

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



4293018178



4283992832



4278228922



4286147815

Rectangle

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



4293018178



4289164288



4278228922



4278225655

Sweetspot

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



4293018178



4294953417



4293018338



4286603360



4278190080



4286611584

Same Dimension

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



4293018178



4294911526



4293038658



4285556069



4289724416



4281335808

Inverse Universe

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



4282573538



4280745983



4282553058



4284838000



4278235312



4278202416

Previews

White Background



This preview shows how the Android color 4293018178 looks on a white background.

Color Contrast Check

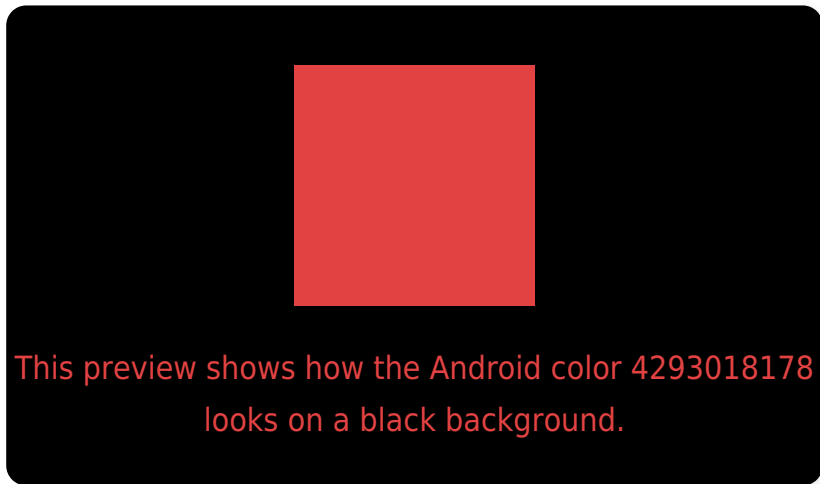
Large Text (above 18pt) WCAG AA ✓ Pass

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 4293018178 Background



This preview shows how black text looks on a background with the Android color 4293018178.



This preview shows how white text looks on a background with the Android color 4293018178.

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
4293018178

Protanopia
4287069527

Deuteranopia
4288378681

Trichromacy



Original Color
4293018178

Protanomaly
4289226831

Deuteranomaly
4290077756

Tritanomaly
4293018180

Monochromacy



Original Color
4293018178

Achromatopsia
4285690482

Achromatomaly
4288373089

CSS Examples

Text

The CSS property to change the color of the text to Android 4293018178 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(226, 66, 66)` looks like.

```
.text, #text, p{  
    color:rgb(226, 66, 66)  
}
```

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(226, 66, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 66, 66) }
```

Border

The CSS property to change the border of an element to Android 4293018178 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(226, 66, 66) }
```

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

```
.border{ border-color:rgb(226, 66, 66) }
```

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

Here you see how a box with a 4 pixel rgb(226, 66, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 66, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 66, 66);  
box-shadow:4px 4px 4px 4px rgb(226, 66,  
66) }
```

Background

The CSS property to change the background color of an element to Android 4293018178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 66, 66) }
```

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

```
.background{ background-color: rgb(226, 66,  
66) }
```

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