

Converting Colors

Android(4280190438)

Have a look what the booklet for
Android(4280190438) contains.

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Color

Android(4280190438)

Conversions

Conversions Part 1

Format	Color
Hex	1E85E6
RGB	30, 133, 230
RGB Percent	12%, 52%, 90%
CMY	0.8824, 0.4784, 0.0980
CMYK	0.87, 0.42, 0.00, 0.10
HSL	209°, 80%, 51%
HSV	209°, 87%, 90%
XYZ	23.2059, 22.7642, 78.0338
YIQ	113.2610, -92.5250, 8.3310

Conversions

Conversions Part 2

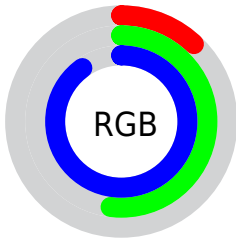
Format	Color
R _Y B	30, 98, 230
Decimal	2000358
CIE Lab	54.83, 7.21, -56.86
CIE LCh	55, 57.317, 277.225
Yxy	22.7642, 0.1871, 0.1836
Android (android.graphics.Color)	4280190438 (0xFF1E85E6)
YUV	113.2610, 57.5523, -73.0199
Hunter-Lab	47.7119, 3.3221, -63.5717

Details

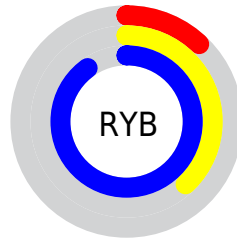
The Android color `4280190438` is a dark color, and the websafe version is hex `3399FF`. The color can be described as dark washed azure. A complement of this color would be `4293295902`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4285643519`, and `4278211758` is the 20% darker color. If you saturate the color by 10%, you get `4278680294`, and if you desaturate by 10%, it is `4281700582`.

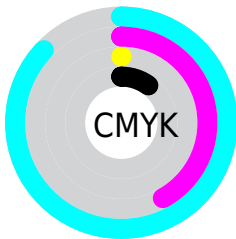
Distribution



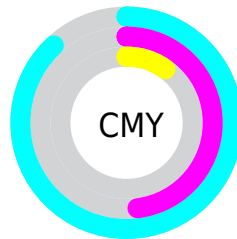
- Red (12%)
- Green (52%)
- Blue (90%)



- Red (12%)
- Yellow (38%)
- Blue (90%)



- Cyan (87%)
- Magenta (42%)
- Yellow (0%)
- Black (10%)



- Cyan (88%)
- Magenta (48%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280190438 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 4280190438 by changing the saturation by 10% instead.

 4280190438

 4280190438

4294967295

 4278217930

 4285643519

 4278211758

 4287747583

 4278206099

 4289786367

 4278200696

 4291821567

 4278195807

 4293853183

 4278192198

 4278191151

 4278190361

 4278190080

■ 4280190438

■ 4280190438

■ 4278680294

■ 4281700582

■ 4278220518

■ 4283210726

■ 4284720870

■ 4286231270

■ 4287741414

■ 4289251558

■ 4290761702

■ 4292271846

■ 4293781990

Harmonies

Analogous

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



4278227934



4280190438



4287918547

Triad

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



4280190438



4292238922



4278229083

Complementary

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



4280190438



4293295902

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.



4284256557



4280190438



4290409250

Square

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



4280190438



4292629369



4287726863



4278229902

Rectangle

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



4280190438



4290470586



4287726863



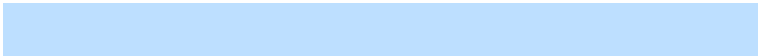
4280587851

Sweetspot

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



4280190438



4290633727



4280215167



4283985024



4278190080



4286611584

Same Dimension

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



4280190438



4278223871



4280164838



4284968307



4278213811



4278196787

Inverse Universe

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



4293271173



4294901891



4293321502



4285753197



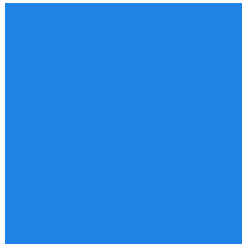
4289921116



4281532442

Previews

White Background



This preview shows how the Android color 4280190438 looks on a white background.

Color Contrast Check

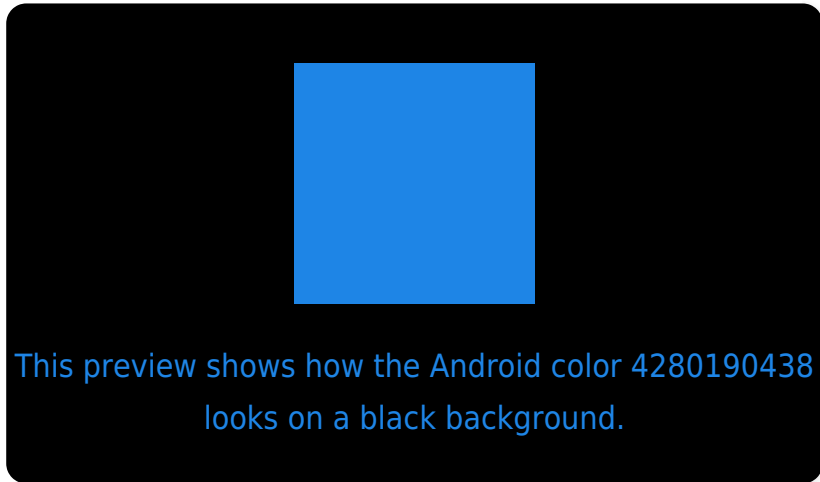
Large Text (above 18pt) WCAG AA ✓ Pass

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

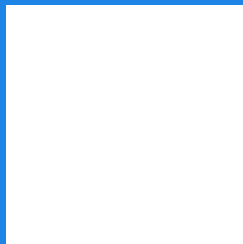
Any Text WCAG AAA × Fail

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

Android 4280190438 Background



This preview shows how black text looks on a background with the Android color 4280190438.



This preview shows how white text looks on a background with the Android color 4280190438.

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
4280190438

Protanomaly
4282614242

Deuteranomaly
4280648934

Tritanomaly
4278947254

Monochromacy



Original Color
4280190438

Achromatopsia
4285624689

Achromatomaly
4283660444

CSS Examples

Text

The CSS property to change the color of the text to Android 4280190438 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(30, 133, 230)` looks like.

```
.text, #text, p{  
    color:rgb(30, 133, 230)  
}
```

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(30, 133, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 133, 230) }
```

Border

The CSS property to change the border of an element to Android 4280190438 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(30, 133, 230) }
```

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

```
.border{ border-color:rgb(30, 133, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 133, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 133, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 133, 230);  
box-shadow:4px 4px 4px 4px rgb(30, 133,  
230) }
```

Background

The CSS property to change the background color of an element to Android 4280190438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 133, 230) }
```

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

```
.background{ background-color: rgb(30, 133,  
230) }
```

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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