

Converting Colors

Android(4278280170)

Have a look what the booklet for
Android(4278280170) contains.

Android(4278280170)	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(4278280170)

Conversions

Conversions Part 1

Format	Color
Hex	015FEA
RGB	1, 95, 234
RGB Percent	0%, 37%, 92%
CMY	0.9961, 0.6275, 0.0824
CMYK	1.00, 0.59, 0.00, 0.08
HSL	216°, 99%, 46%
HSV	216°, 100%, 92%
XYZ	18.9560, 14.1314, 79.5704
YIQ	82.7400, -100.6430, 23.3010

Conversions

Conversions Part 2

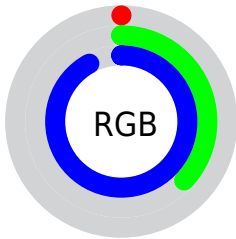
Format	Color
R_{YB}	1, 68, 234
Decimal	90090
CIE _{Lab}	44.42, 31.69, -75.97
CIE _{LCh}	44, 82.319, 292.644
Yxy	14.1314, 0.1683, 0.1254
Android (android.graphics.Color)	4278280170 (0xFF015FEA)
YUV	82.7400, 74.5712, -71.6860
Hunter-Lab	37.5917, 24.2249, -99.1850

Details

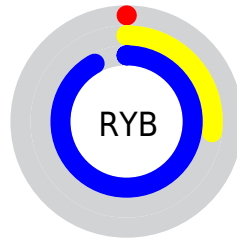
The Android color `4278280170` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed blue. A complement of this color would be `4293561345`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4285305343`, and `4278203057` is the 20% darker color. If you saturate the color by 10%, you get `4278214378`, and if you desaturate by 10%, it is `4279791082`.

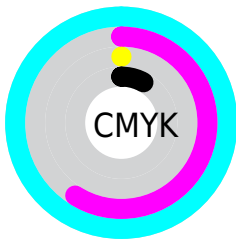
Distribution



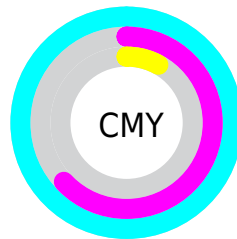
- Red (0%)
- Green (37%)
- Blue (92%)



- Red (0%)
- Yellow (27%)
- Blue (92%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (8%)



- Cyan (100%)
- Magenta (63%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278280170 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 4278280170 by changing the saturation by 10% instead.

 4278280170

 4278280170

4294967295

 4278208717

 4285305343


 4278203057

 4287540223

 4278198166

 4289644287

 4278193787

 4291748607

 4278192481

 4293787647

 4278192200

 4278191153

 4278190363

 4278190080

■ 4278280170

■ 4278280170

■ 4278214378

■ 4279791082

■ 4281367530

■ 4282878442

■ 4284454890

■ 4285965802

■ 4287476714

■ 4289053162

■ 4290564074

■ 4292140522

Harmonies

Analogous

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



4278221044



4278280170



4289147326

Triad

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



4278280170



4290657280



4278223701

Complementary

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



4278280170



4293561345

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.



4278222592



4278280170



4287586560

Square

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



4278280170



4292411450



4283397376



4278224284

Rectangle

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



4278280170



4291494036



4283397376



4278223421

Sweetspot

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



4278280170



4289974783



4278315657



4283589760



4278190080



4286611584

Same Dimension

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



4278280170



4278216703



4279501290



4285165173



4278208949



4278195766

Inverse Universe

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



4293525855



4294901863



4292340225



4285885038



4290052169



4281729046

Previews

White Background



This preview shows how the Android color 4278280170 looks on a white 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

Black Background



This preview shows how the Android color 4278280170 looks on a black 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

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

Android 4278280170 Background



This preview shows how black text looks on a background with the Android color 4278280170.



This preview shows how white text looks on a background with the Android color 4278280170.

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
4278280170

Protanopia
4278216149

Deuteranopia
4278217655

Trichromacy



Original Color
4278280170

Protanomaly
4278215645

Deuteranomaly
4278216650

Tritanomaly
4278217891

Monochromacy



Original Color
4278280170

Achromatopsia
4283650899

Achromatomaly
4281685898

CSS Examples

Text

The CSS property to change the color of the text to Android 4278280170 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(1, 95, 234)` looks like.

```
.text, #text, p{  
    color:rgb(1, 95, 234)  
}
```

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(1, 95, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 95, 234) }
```

Border

The CSS property to change the border of an element to Android 4278280170 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(1, 95, 234) }
```

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

```
.border{ border-color:rgb(1, 95, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 95, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 95, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 95, 234);  
box-shadow:4px 4px 4px 4px rgb(1, 95, 234)  
}
```

Background

The CSS property to change the background color of an element to Android 4278280170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 95, 234) }
```

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

```
.background{ background-color: rgb(1, 95,  
234) }
```

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