

Converting Colors

Android(4281578776)

Have a look what the booklet for
Android(4281578776) contains.

Android(4281578776)	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(4281578776)

Conversions

Conversions Part 1

Format	Color
Hex	33B518
RGB	51, 181, 24
RGB Percent	20%, 71%, 9%
CMY	0.8000, 0.2902, 0.9059
CMYK	0.72, 0.00, 0.87, 0.29
HSL	110°, 77%, 40%
HSV	110°, 87%, 71%
XYZ	18.0540, 33.8175, 6.4400
YIQ	124.2320, -27.0830, -76.3870

Conversions

Conversions Part 2

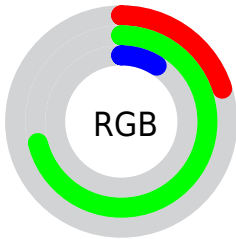
Format	Color
R_{YB}	24, 181, 154
Decimal	3388696
CIE _{Lab}	64.82, -60.93, 61.42
CIE _{LCh}	65, 86.514, 134.774
Yxy	33.8175, 0.3096, 0.5799
Android (android.graphics.Color)	4281578776 (0xFF33B518)
YUV	124.2320, -49.4144, -64.2245
Hunter-Lab	58.1528, -46.3508, 34.1410

Details

The Android color **4281578776** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **4288288949**, and the grayscale version is **4286414205**.

A 20% lighter version of the original color is **4285984342**, and **4278222592** is the 20% darker color. If you saturate the color by 10%, you get **4280595718**, and if you desaturate by 10%, it is **4282561834**.

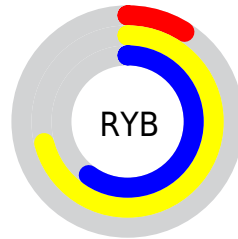
Distribution



Red (20%)

Green (71%)

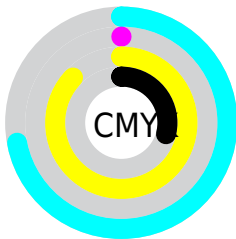
Blue (9%)



Red (9%)

Yellow (71%)

Blue (60%)

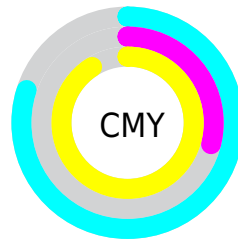


Cyan (72%)

Magenta (0%)

Yellow (87%)

Black (29%)



Cyan (80%)


Magenta (29%)


Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281578776 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 4281578776 by changing the saturation by 10% instead.

 4281578776

 4281578776

4294967295

 4278229248

 4285984342


 4278222592

 4287954801

 4278215680

 4289920909

 4278209280

 4291887017


 4278203392


 4293853126

 4278196480

 4294967267

 4278190080

 4281578776

 4281578776

 4280595718

 4282561834

 4280268032

 4283544892

 4284527950

 4285511008

 4286494067

 4287477125

 4288460183

 4289443241

 4290426299

Harmonies

Analogous

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



4288325120



4281578776



4278238578

Triad

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



4281578776



4278235903



4294918011

Complementary

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



4281578776



4288288949

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.



4294920392



4281578776



4278229759

Square

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



4281578776



4278238463



4291720447



4294927664

Rectangle

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



4281578776



4278239144



4291720447



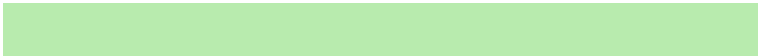
4294916756

Sweetspot

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



4281578776



4290309038



4290091032



4283921745



4294309365



4285887861

Same Dimension

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



4281578776



4280871680



4279809354



4283586896



4279933184



4278458880

Inverse Universe

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



4288288949



4290904299



4290058371



4283977817



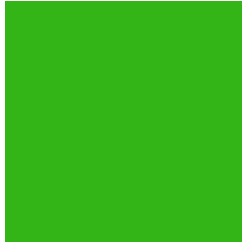
4286513305



4279566362

Previews

White Background



This preview shows how the Android color 4281578776 looks on a white background.

Color Contrast Check

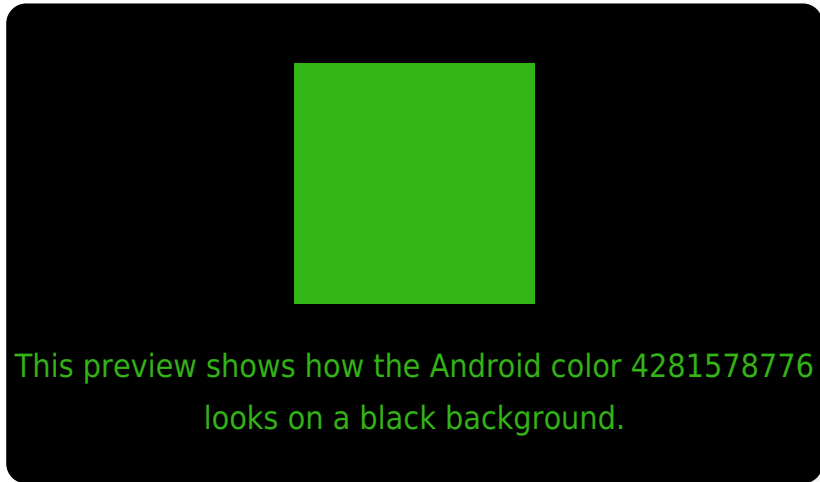
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

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

Android 4281578776 Background



This preview shows how black text looks on a background with the Android color 4281578776.



This preview shows how white text looks on a background with the Android color 4281578776.

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

4281578776



Protanomaly

4286817555



Deuteranomaly

4287602725



Tritanomaly

4283149693

Monochromacy



Original Color

4281578776



Achromatopsia

4286348412



Achromatomaly

4284584280

CSS Examples

Text

The CSS property to change the color of the text to Android 4281578776 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(51, 181, 24)` looks like.

```
.text, #text, p{  
    color:rgb(51, 181, 24)  
}
```

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(51, 181, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 181, 24) }
```

Border

The CSS property to change the border of an element to Android 4281578776 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(51, 181, 24) }
```

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

```
.border{ border-color:rgb(51, 181, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 181, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 181, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 181, 24);  
box-shadow:4px 4px 4px 4px rgb(51, 181,  
24) }
```

Background

The CSS property to change the background color of an element to Android 4281578776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 181, 24) }
```

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

```
.background{ background-color: rgb(51, 181,  
24) }
```

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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