

Converting Colors

Android(4280582679)

Have a look what the booklet for
Android(4280582679) contains.

Android(4280582679)	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(4280582679)

Conversions

Conversions Part 1

Format	Color
Hex	248217
RGB	36, 130, 23
RGB Percent	14%, 51%, 9%
CMY	0.8588, 0.4902, 0.9098
CMYK	0.72, 0.00, 0.82, 0.49
HSL	113°, 70%, 30%
HSV	113°, 82%, 51%
XYZ	8.8648, 16.4022, 3.5093
YIQ	89.6960, -21.6770, -53.2050

Conversions

Conversions Part 2

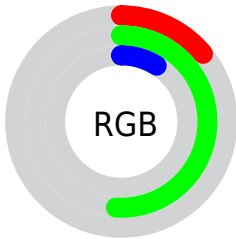
Format	Color
R_{YB}	23, 130, 117
Decimal	2392599
CIE _{Lab}	47.50, -46.95, 45.83
CIE _{LCh}	47, 65.609, 135.689
Yxy	16.4022, 0.3081, 0.5700
Android (android.graphics.Color)	4280582679 (0xFF248217)
YUV	89.6960, -32.8811, -47.0914
Hunter-Lab	40.4996, -31.8030, 23.2122

Details

The Android color **4280582679** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **4285863810**, and the grayscale version is **4284111450**.

A 20% lighter version of the original color is **4284528716**, and **4278210304** is the 20% darker color. If you saturate the color by 10%, you get **4279861770**, and if you desaturate by 10%, it is **4281303588**.

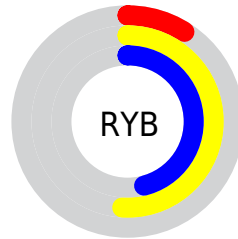
Distribution



Red (14%)

Green (51%)

Blue (9%)



Red (9%)

Yellow (51%)

Blue (46%)

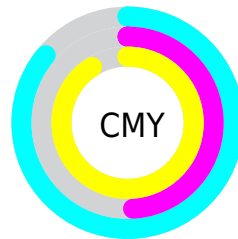


Cyan (72%)

Magenta (0%)

Yellow (82%)

Black (49%)



Cyan (86%)

Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280582679 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 4280582679 by changing the saturation by 10% instead.



4280582679



4280582679

4294967295



4278216704



4284528716



4278210304



4286370918



4278204160



4288278912



4278198528



4290117531



4278190080



4292018103



4293984211



4294967280



4280582679



4280582679

■ 4279861770

■ 4281303588

■ 4279271936

■ 4282090033

■ 4282810942

■ 4283597387

■ 4284318296

■ 4285104741

■ 4285825650

■ 4286546559

■ 4287333004

Harmonies

Analogous

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



4285363968



4280582679



4278224723

Triad

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



4280582679



4278222812



4291899734

Complementary

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



4280582679



4285863810

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.



4291114638



4280582679



4279725532

Square

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



4280582679



4278224831



4288041919



4290857505

Rectangle

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



4280582679



4278225274



4288041919



4291833449

Sweetspot

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



4280582679



4286818430



4286739479



4282274875



4292138196



4283716692

Same Dimension

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



4280582679



4279674882



4279730750



4282007609



4279205888



4278190080

Inverse Universe

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



4285863810



4287890088



4286715739



4282333504



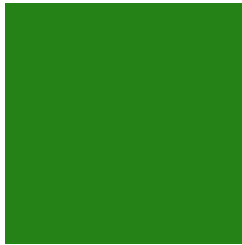
4285530240



4278190080

Previews

White Background



This preview shows how the Android color 4280582679 looks on a white background.

Color Contrast Check

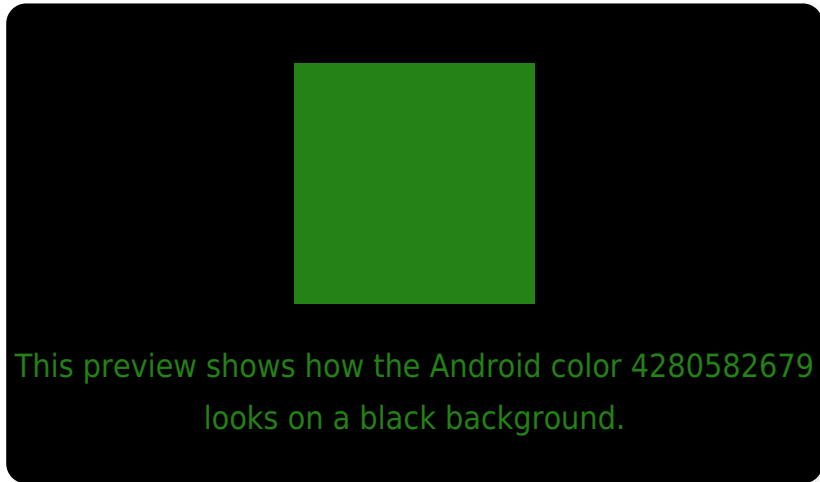
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4280582679 Background



This preview shows how black text looks on a background with the Android color 4280582679.



This preview shows how white text looks on a background with the Android color 4280582679.

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

4280582679

Protanopia

4286476306

Deuteranopia

4287392291

Trichromacy



Original Color

4280582679



Protanomaly

4284315412



Deuteranomaly

4284904223



Tritanomaly

4281695324

Monochromacy



Original Color

4280582679



Achromatopsia

4284111450



Achromatomaly

4282804546

CSS Examples

Text

The CSS property to change the color of the text to Android 4280582679 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(36, 130, 23)` looks like.

```
.text, #text, p{  
    color:rgb(36, 130, 23)  
}
```

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(36, 130, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 130, 23) }
```

Border

The CSS property to change the border of an element to Android 4280582679 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(36, 130, 23) }
```

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

```
.border{ border-color:rgb(36, 130, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 130, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 130, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 130, 23);  
box-shadow:4px 4px 4px 4px rgb(36, 130,  
23) }
```

Background

The CSS property to change the background color of an element to Android 4280582679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 130, 23) }
```

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

```
.background{ background-color: rgb(36, 130,  
23) }
```

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