

Converting Colors

Android(4280576567)

Have a look what the booklet for
Android(4280576567) contains.

Android(4280576567)	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(4280576567)

Conversions

Conversions Part 1

Format	Color
Hex	246A37
RGB	36, 106, 55
RGB Percent	14%, 42%, 22%
CMY	0.8588, 0.5843, 0.7843
CMYK	0.66, 0.00, 0.48, 0.58
HSL	136°, 49%, 28%
HSV	136°, 66%, 42%
XYZ	6.5712, 10.9590, 5.3834
YIQ	79.2560, -25.3490, -30.7010

Conversions

Conversions Part 2

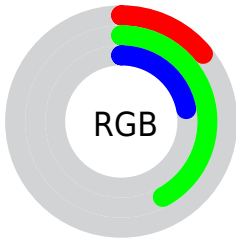
Format	Color
R_{YB}	36, 91, 106
Decimal	2386487
CIE _{Lab}	39.51, -34.06, 22.30
CIE _{LCh}	40, 40.713, 146.782
Yxy	10.9590, 0.2868, 0.4783
Android (android.graphics.Color)	4280576567 (0xFF246A37)
YUV	79.2560, -11.9582, -37.9355
Hunter-Lab	33.1043, -22.5005, 13.5314

Details

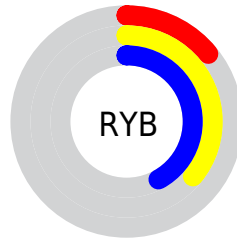
The Android color `4280576567` is a dark color, and the websafe version is hex `006633`. A complement of this color would be `4285146199`, and the grayscale version is `4283387727`.

A 20% lighter version of the original color is `4284063335`, and `4278204939` is the 20% darker color. If you saturate the color by 10%, you get `4279855663`, and if you desaturate by 10%, it is `4281297471`.

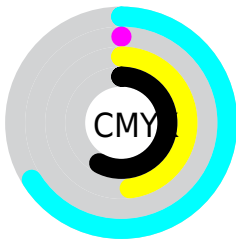
Distribution



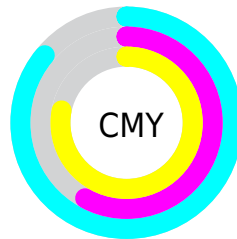
- Red (14%)
- Green (42%)
- Blue (22%)



- Red (14%)
- Yellow (36%)
- Blue (42%)



- Cyan (66%)
- Magenta (0%)
- Yellow (48%)
- Black (58%)



- Cyan (86%)
- Magenta (58%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280576567 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 4280576567 by changing the saturation by 10% instead.



4280576567



4280576567

4294967295



4278210849



4284063335



4278204939



4285839744



4278199552



4287616410



4278190080



4289393333



4291231697



4293132269



4280576567



4280576567



4279855663



4281297471

■ 4279200296

■ 4281952838

■ 4278479392

■ 4282673742

■ 4278217245

■ 4283329110

■ 4284050014

■ 4284770917

■ 4285426285

■ 4286147189

■ 4286802557

Harmonies

Analogous

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



4283524125



4280576567



4278218072

Triad

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



4280576567



4278215327



4288168513

Complementary

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



4280576567



4285146199

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.



4288102242



4280576567



4283979416

Square

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



4280576567



4278217108



4286728322



4287319333

Rectangle

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



4280576567



4278218095



4286728322



4288298828

Sweetspot

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



4280576567



4285434486



4283918884



4281615673



4291085508



4282729797

Same Dimension

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



4280576567



4280126010



4280576602



4281349682



4278220064



4278252866

Inverse Universe

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



4285146199



4287241580



4285146164



4281741364



4285857877



4294246578

Previews

White Background



This preview shows how the Android color 4280576567 looks on a white background.

Color Contrast Check

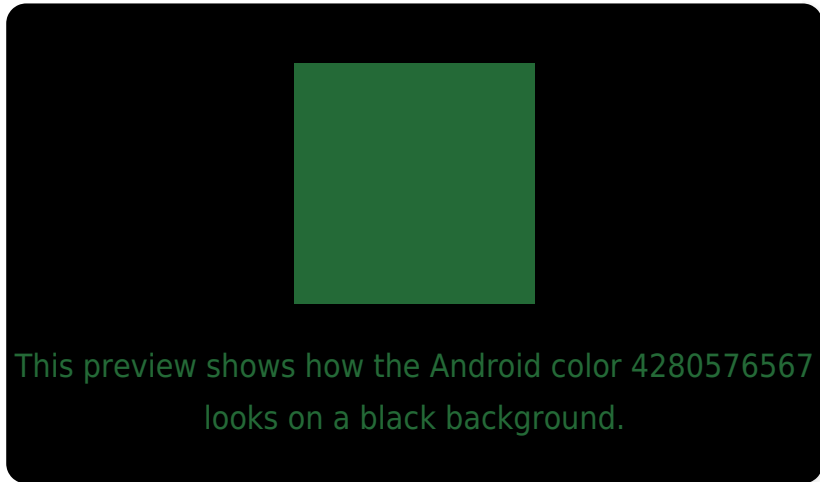
Large Text (above 18pt) WCAG AA ✓ Pass

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

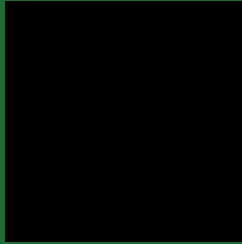
Any Text WCAG AA × Fail

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 4280576567 Background



This preview shows how black text looks on a background with the Android color 4280576567.



This preview shows how white text looks on a background with the Android color 4280576567.

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
4280576567

Protanopia
4284898610

Deuteranopia
4285552955

Trichromacy



Original Color
4280576567

Protanomaly
4283327028

Deuteranomaly
4283719482

Tritanomaly
4281230937

Monochromacy



Original Color
4280576567

Achromatopsia
4283387727

Achromatomaly
4282341702

CSS Examples

Text

The CSS property to change the color of the text to Android 4280576567 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, 106, 55)` looks like.

```
.text, #text, p{  
    color:rgb(36, 106, 55)  
}
```

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, 106, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 106, 55) }
```

Border

The CSS property to change the border of an element to Android 4280576567 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, 106, 55) }
```

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

```
.border{ border-color:rgb(36, 106, 55) }
```

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

Here you see how a box with a 4 pixel rgb(36, 106, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 106, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 106, 55);  
box-shadow:4px 4px 4px 4px rgb(36, 106,  
55) }
```

Background

The CSS property to change the background color of an element to Android 4280576567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 106, 55) }
```

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

```
.background{ background-color: rgb(36, 106,  
55) }
```

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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