

Converting Colors

Android(4280557638)

Have a look what the booklet for
Android(4280557638) contains.

Android(4280557638)	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(4280557638)

Conversions

Conversions Part 1

Format	Color
Hex	242046
RGB	36, 32, 70
RGB Percent	14%, 13%, 27%
CMY	0.8588, 0.8745, 0.7255
CMYK	0.49, 0.54, 0.00, 0.73
HSL	246°, 37%, 20%
HSV	246°, 54%, 27%
XYZ	2.3496, 1.8503, 6.0277
YIQ	37.5280, -9.8140, 12.6660

Conversions

Conversions Part 2

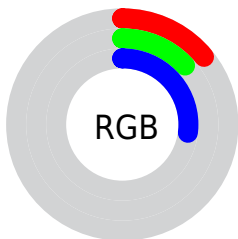
Format	Color
RYB	36, 32, 70
Decimal	2367558
CIELab	14.68, 13.41, -23.33
CIELCh	15, 26.904, 299.889
Yxy	1.8503, 0.2297, 0.1809
Android (android.graphics.Color)	4280557638 (0xFF242046)
YUV	37.5280, 16.0087, -1.3401
Hunter-Lab	13.6025, 7.0278, -16.7513

Details

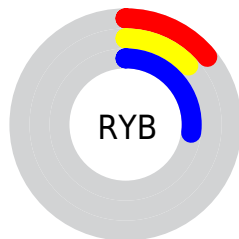
The Android color **4280557638** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4282533408**, and the grayscale version is **4280624421**.

A 20% lighter version of the original color is **4283649143**, and **4278190362** is the 20% darker color. If you saturate the color by 10%, you get **4280162630**, and if you desaturate by 10%, it is **4280952646**.

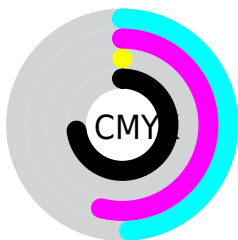
Distribution



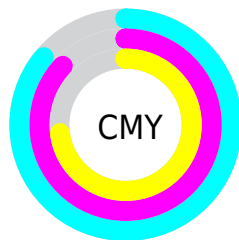
- Red (14%)
- Green (13%)
- Blue (27%)



- Red (14%)
- Yellow (13%)
- Blue (27%)



- Cyan (49%)
- Magenta (54%)
- Yellow (0%)
- Black (73%)



- Cyan (86%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280557638 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 4280557638 by changing the saturation by 10% instead.

■ 4280557638

■ 4280557638

4294967295

■ 4279175727

■ 4283649143

■ 4278190362

■ 4285293712

■ 4278190080

■ 4287004075

■ 4288714694

■ 4290556387

■ 4292398591

■ 4294240767

■ 4280557638

■ 4280557638

■ 4280162630

■ 4280952646

■ 4279702086

■ 4281413190

■ 4279307078

■ 4281808198

■ 4278912070

■ 4282203206

■ 4278648902

■ 4282598214

■ 4283058758

■ 4283453766

■ 4283848774

■ 4284243782

Harmonies

Analogous

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



4278200139



4280557638



4282062648

Triad

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



4280557638



4282195200



4278201892

Complementary

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



4280557638



4282533408

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.



4278201361



4280557638



4281279488

Square

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



4280557638



4282717459



4280101120



4278201911

Rectangle

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



4280557638



4282651436



4280101120



4278201630

Sweetspot

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



4280557638



4283387228



4280304198



4280689966



4289572269



4281216558

Same Dimension

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



4280557638



4280688732



4281802822



4280360996



4278845539



4279763171

Inverse Universe

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



4282785858



4284227670



4281288224



4280557603



4284678233



4293066955

Previews

White Background



This preview shows how the Android color 4280557638 looks on a white background.

Color Contrast Check

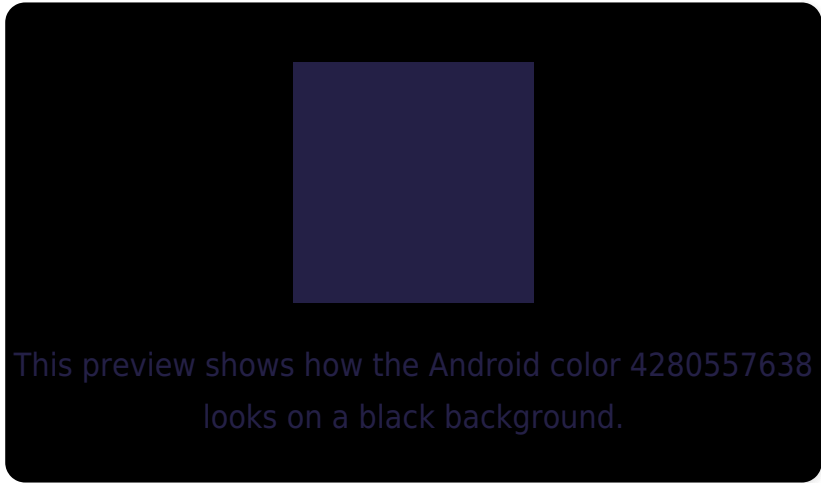
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

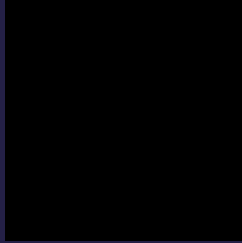
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280557638 Background



This preview shows how black text looks on a background with the Android color 4280557638.



This preview shows how white text looks on a background with the Android color 4280557638.

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


4280557638

Protanopia

4278985802

Deuteranopia

4278199875



Tritanopia
4280035114

Trichromacy



Original Color
4280557638

Protanomaly
4279575369

Deuteranomaly
4279051332

Tritanomaly
4280230964

Monochromacy



Original Color
4280557638

Achromatopsia
4280690214

Achromatomaly
4280624178

CSS Examples

Text

The CSS property to change the color of the text to Android 4280557638 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, 32, 70)` looks like.

```
.text, #text, p{  
    color:rgb(36, 32, 70)  
}
```

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, 32, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 32, 70) }
```

Border

The CSS property to change the border of an element to Android 4280557638 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, 32, 70) }
```

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

```
.border{ border-color:rgb(36, 32, 70) }
```

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

Here you see how a box with a 4 pixel rgb(36, 32, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 32, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 32, 70);  
box-shadow:4px 4px 4px 4px rgb(36, 32, 70)  
}
```

Background

The CSS property to change the background color of an element to Android 4280557638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 32, 70) }
```

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

```
.background{ background-color: rgb(36, 32,  
70) }
```

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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