

Converting Colors

Android(4280553487)

Have a look what the booklet for
Android(4280553487) contains.

Android(4280553487)	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(4280553487)

Conversions

Conversions Part 1

Format	Color
Hex	24100F
RGB	36, 16, 15
RGB Percent	14%, 6%, 6%
CMY	0.8588, 0.9373, 0.9412
CMYK	0.00, 0.56, 0.58, 0.86
HSL	3°, 41%, 10%
HSV	3°, 58%, 14%
XYZ	0.9991, 0.7801, 0.5499
YIQ	21.8660, 12.2410, 3.9290

Conversions

Conversions Part 2

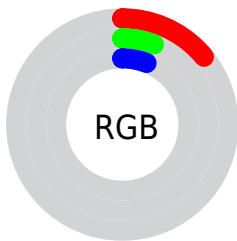
Format	Color
RYB	36, 16, 15
Decimal	2363407
CIELab	7.05, 10.19, 4.28
CIElCh	7, 11.052, 22.813
Yxy	0.7801, 0.4290, 0.3350
Android (android.graphics.Color)	4280553487 (0xFF24100F)
YUV	21.8660, -3.3849, 12.3955
Hunter-Lab	8.8326, 4.7336, 2.4917

Details

The Android color **4280553487** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **4279182116**, and the grayscale version is **4279637526**.

A 20% lighter version of the original color is **4283513402**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280552715**, and if you desaturate by 10%, it is **4280554259**.

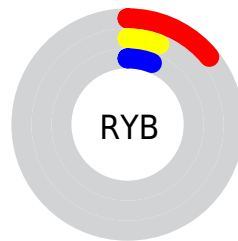
Distribution



Red (14%)

Green (6%)

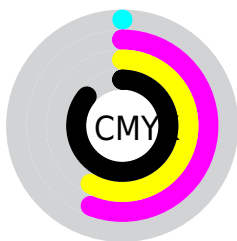
Blue (6%)



Red (14%)

Yellow (6%)

Blue (6%)

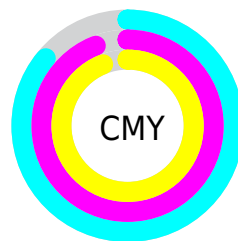


Cyan (0%)

Magenta (56%)

Yellow (58%)

Black (86%)



Cyan (86%)

Magenta (94%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280553487 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 4280553487 by changing the saturation by 10% instead.



4280553487



4280553487



4294963439



4278190080



4283513402



4285157713



4286802281



4288578434



4290354588



4292196535



4294038482



4280553487



4280553487

■ 4280552715

■ 4280554259

■ 4280551688

■ 4280555286

■ 4280550916

■ 4280556058

■ 4280549889

■ 4280557085

■ 4280549888

■ 4280557857

■ 4280558885

■ 4280559656

■ 4280560428

■ 4280561455

Harmonies

Analogous

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



4280422424



4280553487



4280422917

Triad

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



4280553487



4278851849



4278654756

Complementary

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



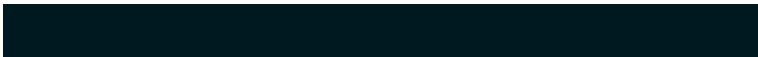
4280553487



4279182116

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.



4278196513



4280553487



4278196755

Square

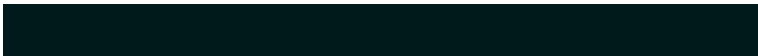
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4280553487



4279637761



4278196763



4279505955

Rectangle

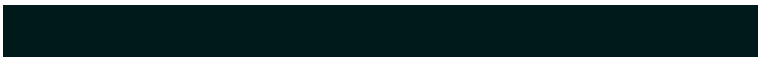
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4280553487



4280226560



4278196763



4278392867

Sweetspot

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



4280553487



4281214502



4280553251



4279702034



4288059030



4279703319

Same Dimension

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



4280553487



4281208590



4280556047



4279373840



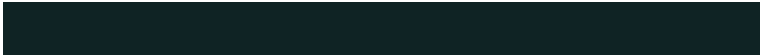
4283565056



4291889664

Inverse Universe

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



4279182116



4279118894



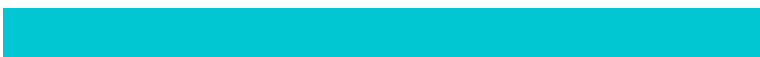
4279179556



4279243282



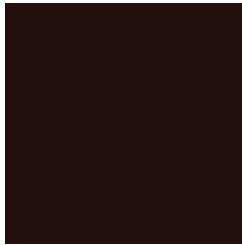
4278210130



4278241233

Previews

White Background



This preview shows how the Android color 4280553487 looks on a white background.

Color Contrast Check

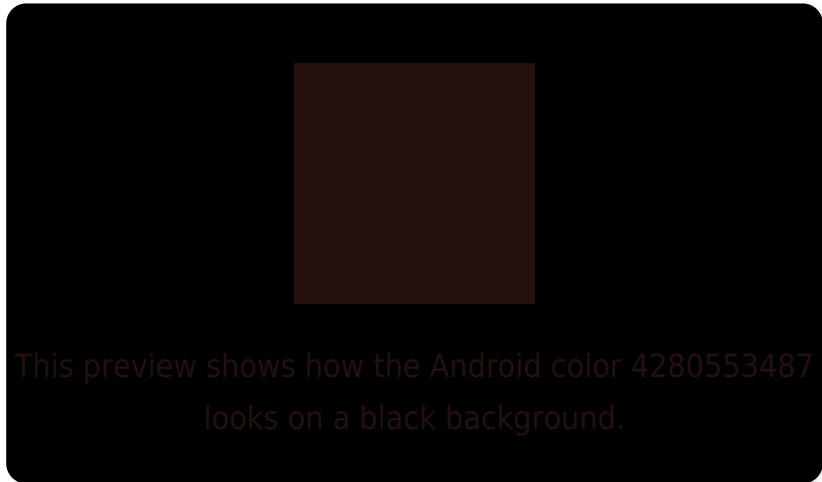
Large Text (above 18pt) WCAG AA ✓ Pass

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

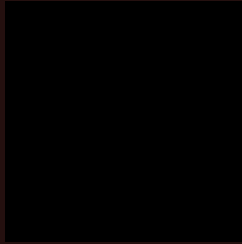
Any Text WCAG AA × Fail

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 4280553487 Background



This preview shows how black text looks on a background with the Android color 4280553487.

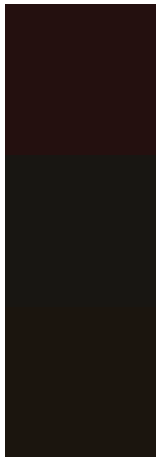


This preview shows how white text looks on a background with the Android color 4280553487.

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

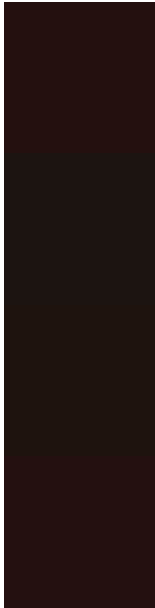


Original Color
4280553487

Protanopia
4279768594

Deuteranopia
4279964942

Trichromacy



Original Color

4280553487

Protanomaly

4280030225

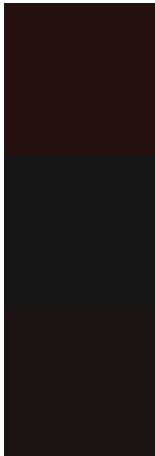
Deuteranomaly

4280161038

Tritanomaly

4280553488

Monochromacy



Original Color

4280553487

Achromatopsia

4279637526

Achromatomaly

4279964691

CSS Examples

Text

The CSS property to change the color of the text to Android 4280553487 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, 16, 15)` looks like.

```
.text, #text, p{  
    color:rgb(36, 16, 15)  
}
```

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, 16, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 16, 15) }
```

Border

The CSS property to change the border of an element to Android 4280553487 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, 16, 15) }
```

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

```
.border{ border-color:rgb(36, 16, 15) }
```

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

Here you see how a box with a 4 pixel rgb(36, 16, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 16, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 16, 15);  
box-shadow:4px 4px 4px 4px rgb(36, 16, 15)  
}
```

Background

The CSS property to change the background color of an element to Android 4280553487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 16, 15) }
```

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

```
.background{ background-color: rgb(36, 16,  
15) }
```

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