

Converting Colors

Android(4280454191)

Have a look what the booklet for
Android(4280454191) contains.

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Color

Android(4280454191)

Conversions

Conversions Part 1

Format	Color
Hex	228C2F
RGB	34, 140, 47
RGB Percent	13%, 55%, 18%
CMY	0.8667, 0.4510, 0.8157
CMYK	0.76, 0.00, 0.66, 0.45
HSL	127°, 61%, 34%
HSV	127°, 76%, 55%
XYZ	10.5509, 19.3015, 5.8588
YIQ	97.7040, -33.3230, -51.3950

Conversions

Conversions Part 2

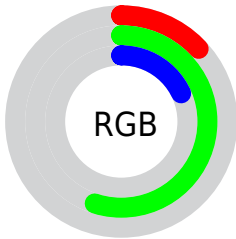
Format	Color
R_{YB}	34, 128, 140
Decimal	2264111
CIE _{Lab}	51.04, -48.66, 40.08
CIE _{LCh}	51, 63.038, 140.523
Yxy	19.3015, 0.2955, 0.5405
Android (android.graphics.Color)	4280454191 (0xFF228C2F)
YUV	97.7040, -24.9971, -55.8684
Hunter-Lab	43.9335, -34.0158, 22.8467

Details

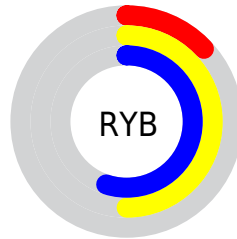
The Android color `4280454191` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4287373951`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4284531553`, and `4278212608` is the 20% darker color. If you saturate the color by 10%, you get `4279536675`, and if you desaturate by 10%, it is `4281371707`.

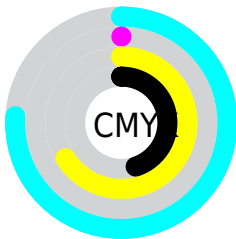
Distribution



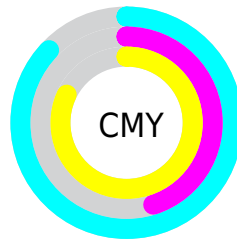
- Red (13%)
- Green (55%)
- Blue (18%)



- Red (13%)
- Yellow (50%)
- Blue (55%)



- Cyan (76%)
- Magenta (0%)
- Yellow (66%)
- Black (45%)



- Cyan (87%)
- Magenta (45%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280454191 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 4280454191 by changing the saturation by 10% instead.



4280454191



4280454191

4294967295



4278219285



4284531553



4278212608



4286439291



4278206464



4288281750



4278201088



4290183089



4278191872



4292083661



4278190080



4294049769



4280454191



4280454191



4279536675



4281371707

■ 4278619158

■ 4282289224

■ 4278225937

■ 4283206740

■ 4284124256

■ 4285041772

■ 4285959289

■ 4286876805

■ 4287794321

■ 4288711838

Harmonies

Analogous

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



4285497856



4280454191



4278227302

Triad

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



4280454191



4278224356



4292363095

Complementary

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



4280454191



4287373951

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.



4291904141



4280454191



4283593695

Square

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



4280454191



4278226892



4289288639



4291123749

Rectangle

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



4280454191



4278227596



4289288639



4292427625

Sweetspot

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



4280454191



4287346065



4286614562



4282539077



4292598747



4284243036

Same Dimension

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



4280454191



4279285029



4280454243



4282271039



4278224144



4278191361

Inverse Universe

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



4287373951



4290056353



4287373899



4282728004



4286906484



4278517764

Previews

White Background



This preview shows how the Android color 4280454191 looks on a white background.

Color Contrast Check

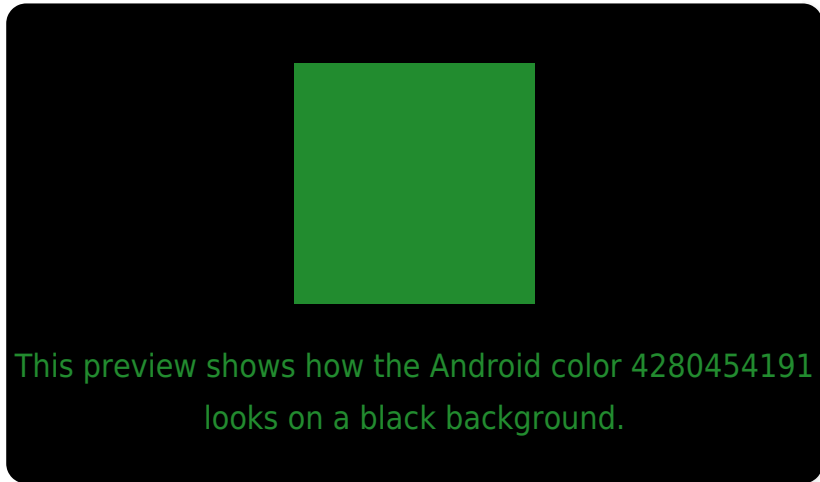
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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 × Fail

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

Android 4280454191 Background



This preview shows how black text looks on a background with the Android color 4280454191.



This preview shows how white text looks on a background with the Android color 4280454191.

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
4280454191

Protanopia
4287068458

Deuteranopia
4287984439

Trichromacy



Original Color

4280454191



Protanomaly

4284645420



Deuteranomaly

4285234228



Tritanomaly

4281697899

Monochromacy



Original Color

4280454191



Achromatopsia

4284637794



Achromatomaly

4283134287

CSS Examples

Text

The CSS property to change the color of the text to Android 4280454191 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(34, 140, 47)` looks like.

```
.text, #text, p{  
    color:rgb(34, 140, 47)  
}
```

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(34, 140, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 140, 47) }
```

Border

The CSS property to change the border of an element to Android 4280454191 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(34, 140, 47) }
```

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

```
.border{ border-color:rgb(34, 140, 47) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 140, 47)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 140, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 140, 47);  
box-shadow:4px 4px 4px 4px rgb(34, 140,  
47) }
```

Background

The CSS property to change the background color of an element to Android 4280454191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 140, 47) }
```

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

```
.background{ background-color: rgb(34, 140,  
47) }
```

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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