

# Converting Colors

Android(4280200795)

Have a look what the booklet for  
Android(4280200795) contains.

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# **Color**

**Android(4280200795)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1EAE5B
RGB	30, 174, 91
RGB Percent	12%, 68%, 36%
CMY	0.8824, 0.3176, 0.6431
CMYK	0.83, 0.00, 0.48, 0.32
HSL	145°, 71%, 40%
HSV	145°, 83%, 68%
XYZ	17.5598, 31.3035, 15.0142
YIQ	121.4820, -59.1810, -56.3410

# Conversions

## Conversions Part 2

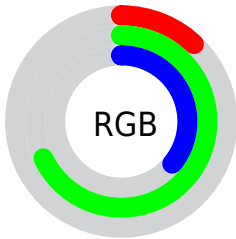
Format	Color
<a href="#">RYB</a>	<a href="#">30, 131, 174</a>
Decimal	<a href="#">2010715</a>
CIELab	<a href="#">62.76, -54.72, 32.47</a>
CIELCh	<a href="#">63, 63.633, 149.316</a>
Yxy	<a href="#">31.3035, 0.2749, 0.4901</a>
Android (android.graphics.Color)	<a href="#">4280200795 (0xFF1EAE5B)</a>
YUV	<a href="#">121.4820, -15.0276, -80.2297</a>
Hunter-Lab	<a href="#">55.9495, -41.8892, 23.2540</a>

# Details

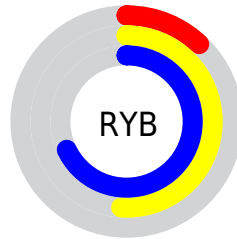
The Android color `4280200795` is a dark color, and the websafe version is hex `009933`. A complement of this color would be `4289601137`, and the grayscale version is `4286216826`.

A 20% lighter version of the original color is `4284934030`, and `4278220843` is the 20% darker color. If you saturate the color by 10%, you get `4279086673`, and if you desaturate by 10%, it is `4281314917`.

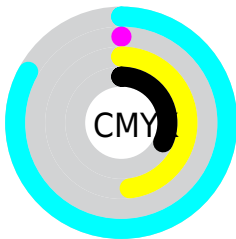
# Distribution



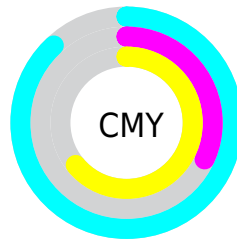
- Red (12%)
- Green (68%)
- Blue (36%)



- Red (12%)
- Yellow (51%)
- Blue (68%)



- Cyan (83%)
- Magenta (0%)
- Yellow (48%)
- Black (32%)



- Cyan (88%)
- Magenta (32%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280200795 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 4280200795 by changing the saturation by 10% instead.





4280200795



4280200795

4294967295



4278227778



4284934030



4278220843



4286906281



4278214162



4288806853



4278207744



4290772961



4278202112



4292739070



4278194432



4294705151



4278190080



4280200795



4280200795



4279086673



4281314917

■ 4278234698

■ 4282494575

■ 4283608697

■ 4284788355

■ 4285902477

■ 4287016599

■ 4288196257

■ 4289310379

■ 4290490037

# Harmonies

## Analogous

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



4286424362



4280200795



4278235797

# Triad

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



4280200795



4278231039



4294600804

# Complementary

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



4280200795



4289601137

# 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.



4294599068



4280200795



4287990267

# Square

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



4280200795



4278234361



4292571346



4292968244

# Rectangle

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



4280200795



4278236092



4292571346



4294861686



# Sweetspot

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



4280200795



4289389506



4285705758



4283462495



4294111986



4285756275



# Same Dimension

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



4280200795



4278379361



4280200866



4283324242



4278228544



4278195978



# Inverse Universe

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



4289601137



4293067396



4289601066



4283911763



4288020567



4279697421



# Previews

## White Background



This preview shows how the Android color 4280200795 looks on a white background.

## Color Contrast Check

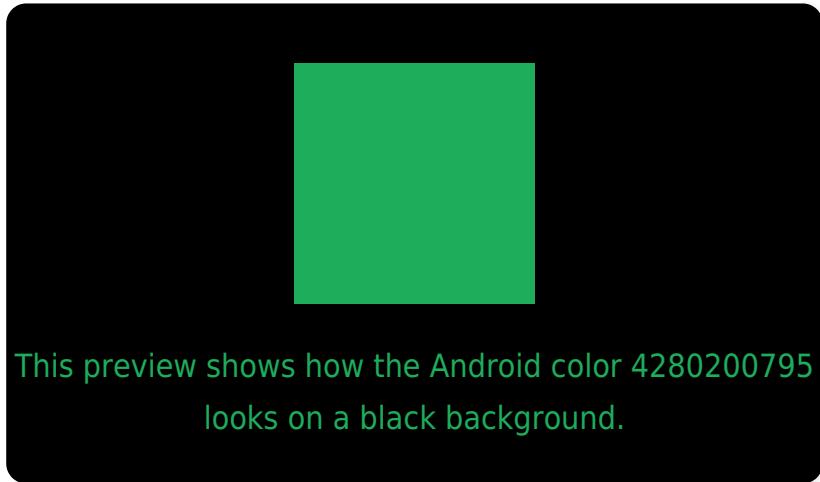
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# 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 ✓ Pass

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



# Android 4280200795 Background



This preview shows how black text looks on a background with the Android color 4280200795.



This preview shows how white text looks on a background with the Android color 4280200795.

# 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





# Trichromacy



**Original Color**

4280200795



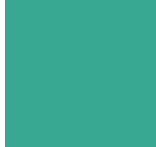
**Protanomaly**

4285898582



**Deuteranomaly**

4286487391



**Tritanomaly**

4281903250

# Monochromacy



**Original Color**

4280200795



**Achromatopsia**

4286151033



**Achromatomaly**

4283993198

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280200795 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(30, 174, 91)` looks like.

```
.text, #text, p{  
    color:rgb(30, 174, 91)  
}
```

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(30, 174, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 174, 91) }
```

## Border

The CSS property to change the border of an element to Android 4280200795 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(30, 174, 91) }
```

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

```
.border{ border-color:rgb(30, 174, 91) }
```

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

Here you see how a box with a 4 pixel rgb(30, 174, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 174, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 174, 91);  
box-shadow:4px 4px 4px 4px rgb(30, 174,  
91) }
```

# Background

The CSS property to change the background color of an element to Android 4280200795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 174, 91) }
```

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

```
.background{ background-color: rgb(30, 174,  
91) }
```

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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