

# Converting Colors

Android(4280540790)

Have a look what the booklet for  
Android(4280540790) contains.

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# **Color**

**Android(4280540790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	23DE76
RGB	35, 222, 118
RGB Percent	14%, 87%, 46%
CMY	0.8627, 0.1294, 0.5373
CMYK	0.84, 0.00, 0.47, 0.13
HSL	147°, 74%, 50%
HSV	147°, 84%, 87%
XYZ	30.0844, 53.9079, 25.9592
YIQ	154.2310, -78.0680, -71.9880

# Conversions

## Conversions Part 2

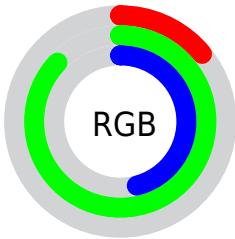
Format	Color
<b>RYB</b>	35, 165, 222
Decimal	2350710
CIELab	78.41, -66.18, 38.76
CIELCh	78, 76.693, 149.645
Yxy	53.9079, 0.2736, 0.4903
Android (android.graphics.Color)	4280540790 (0xFF23DE76)
YUV	154.2310, -17.8619, -104.5656
Hunter-Lab	73.4220, -55.3487, 30.4327

# Details

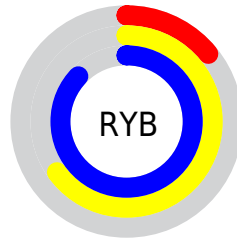
The Android color `4280540790` is a dark color, and the websafe version is hex `00CC66`. The color can be described as dark washed spring green. A complement of this color would be `4292748171`, and the grayscale version is `4288322202`.

A 20% lighter version of the original color is `4285792172`, and `4278232387` is the 20% darker color. If you saturate the color by 10%, you get `4279098986`, and if you desaturate by 10%, it is `4281982594`.

# Distribution



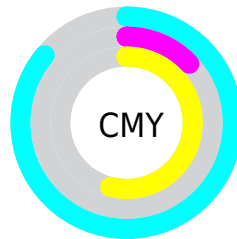
- Red (14%)
- Green (87%)
- Blue (46%)



- Red (14%)
- Yellow (65%)
- Blue (87%)



- Cyan (84%)
- Magenta (0%)
- Yellow (47%)
- Black (13%)



- Cyan (86%)
- Magenta (13%)
- Yellow (54%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4280540790 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 4280540790 by changing the saturation by 10% instead.



 4280540790

 4280540790

4294967295

 4278239580

 4285792172

 4278232387

 4287954887

 4278225450

 4289986532

 4278218511

 4292018175

 4278211840

 4294049791

 4278205440


 4278199296

 4278190080

 4280540790

 4280540790

 4279098986

 4281982594

 4278247011

 4283424399

 4284931739

 4286373543

 4287815348

 4289257152

 4290698956

 4292206297

 4293648101

# Harmonies

## Analogous

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



4288664120



4280540790



4278248383

# Triad

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



4280540790



4278242303



4294936192

# Complementary

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



4280540790



4292748171

# 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.



4294933702



4280540790



4290752511

# Square

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



4280540790



4278246399



4294938879



4294943556

# Rectangle

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



4280540790



4278248688



4294938879



4294934678

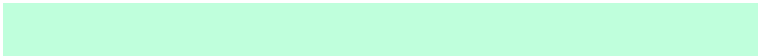


# Sweetspot

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



4280540790



4290772956



4287487523



4284055658



4278190080



4286611584



# Same Dimension

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



4280540790



4278255473



4280540882



4284837994



4278235214



4278202390



# Inverse Universe

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



4292748171



4294901902



4292748079



4285556075



4289724514



4281335835



# Previews

## White Background



This preview shows how the Android color 4280540790 looks on a white background.

## Color Contrast Check

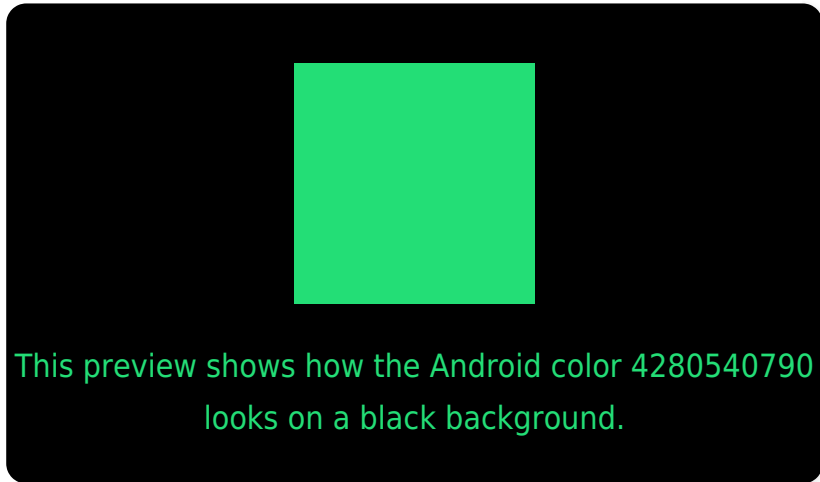
Large Text (above 18pt) WCAG AA × Fail

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 4280540790 Background



This preview shows how black text looks on a background with the Android color 4280540790.

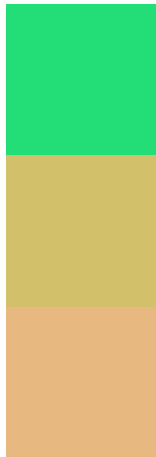


This preview shows how white text looks on a background with the Android color 4280540790.

# 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**  
4280540790

**Protanopia**  
4292067435

**Deuteranopia**  
4293376127



# Trichromacy



**Original Color**

4280540790



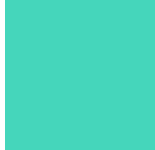
**Protanomaly**

4287875951



**Deuteranomaly**

4288726652



**Tritanomaly**

4282767035

# Monochromacy



**Original Color**

4280540790



**Achromatopsia**

4288322202



**Achromatomaly**

4285510541

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280540790 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(35, 222, 118)` looks like.

```
.text, #text, p{  
    color:rgb(35, 222, 118)  
}
```

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(35, 222, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 222, 118) }
```

## Border

The CSS property to change the border of an element to Android 4280540790 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(35, 222, 118) }
```

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

```
.border{ border-color:rgb(35, 222, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 222, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 222, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 222, 118);  
box-shadow:4px 4px 4px 4px rgb(35, 222,  
118) }
```

# Background

The CSS property to change the background color of an element to Android 4280540790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 222, 118) }
```

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

```
.background{ background-color: rgb(35, 222,  
118) }
```

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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