

# Converting Colors

Android(4280464726)

Have a look what the booklet for  
Android(4280464726) contains.

<b>Android(4280464726)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Android(4280464726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	22B556
RGB	34, 181, 86
RGB Percent	13%, 71%, 34%
CMY	0.8667, 0.2902, 0.6627
CMYK	0.81, 0.00, 0.52, 0.29
HSL	141°, 68%, 42%
HSV	141°, 81%, 71%
XYZ	18.8633, 34.0597, 14.3841
YIQ	126.2170, -57.1170, -60.7090

# Conversions

## Conversions Part 2

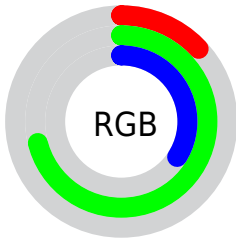
Format	Color
<a href="#">RYB</a>	<a href="#">34, 143, 181</a>
Decimal	<a href="#">2274646</a>
CIELab	<a href="#">65.01, -57.53, 37.81</a>
CIELCh	<a href="#">65, 68.844, 146.685</a>
Yxy	<a href="#">34.0597, 0.2803, 0.5060</a>
Android (android.graphics.Color)	<a href="#">4280464726</a> ( <a href="#">0xFF22B556</a> )
YUV	<a href="#">126.2170, -19.8270, -80.8743</a>
Hunter-Lab	<a href="#">58.3607, -44.4367, 26.2394</a>

# Details

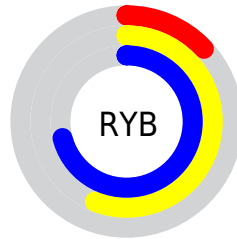
The Android color `4280464726` is a dark color, and the websafe version is hex `33CC66`. A complement of this color would be `4290060929`, and the grayscale version is `4286479998`.

A 20% lighter version of the original color is `4285132426`, and `4278222628` is the 20% darker color. If you saturate the color by 10%, you get `4279285066`, and if you desaturate by 10%, it is `4281644386`.

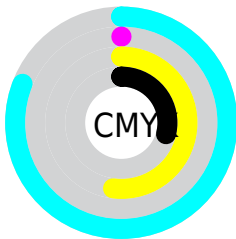
# Distribution



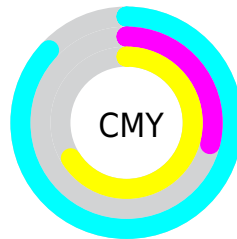
- Red (13%)
- Green (71%)
- Blue (34%)



- Red (13%)
- Yellow (56%)
- Blue (71%)



- Cyan (81%)
- Magenta (0%)
- Yellow (52%)
- Black (29%)



- Cyan (87%)
- Magenta (29%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280464726 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 4280464726 by changing the saturation by 10% instead.





4280464726



4280464726

4294967295



4278229309



4285132426



4278222628



4287168421



4278215689



4289134528



4278209280



4291035100



4278203392



4293066745



4278196736



4278190080



4280464726



4280464726



4279285066



4281644386

■ 4278236480

■ 4282824045

■ 4284003705

■ 4285183365

■ 4286428560

■ 4287608220

■ 4288787880

■ 4289967540

■ 4291147199

# Harmonies

## Analogous

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



4287015454



4280464726



4278237845

# Triad

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



4280464726



4278233087



4294928234

# Complementary

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



4280464726



4290060929

# 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.



4294926503



4280464726



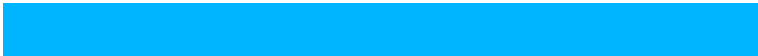
4287664383

# Square

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



4280464726



4278236671



4292965602



4293886004

# Rectangle

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



4280464726



4278238143



4292965602



4294926974



# Sweetspot

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



4280464726



4289915846



4286756130



4283659615



4294309365



4285887861



# Same Dimension

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



4280464726



4278709080



4280464799



4283455827



4278229302



4278196745



# Inverse Universe

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



4290060929



4293592986



4290060856



4284043350



4288217187



4279894032



# Previews

## White Background



This preview shows how the Android color 4280464726 looks on a white background.

## Color Contrast Check

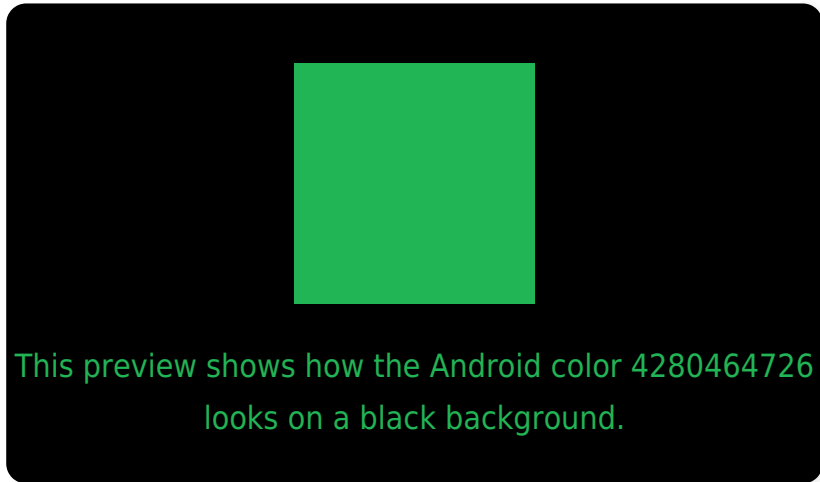
Large Text (above 18pt) WCAG AA × Fail

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 4280464726 Background



This preview shows how black text looks on a background with the Android color 4280464726.



This preview shows how white text looks on a background with the Android color 4280464726.

# 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**

4280464726



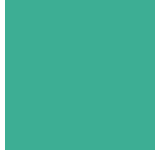
**Protanomaly**

4286228049



**Deuteranomaly**

4286947675



**Tritanomaly**

4282232468

# Monochromacy



**Original Color**

4280464726



**Achromatopsia**

4286479998



**Achromatomaly**

4284322415

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280464726 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, 181, 86)` looks like.

```
.text, #text, p{  
    color:rgb(34, 181, 86)  
}
```

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, 181, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 181, 86) }
```

## Border

The CSS property to change the border of an element to Android 4280464726 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, 181, 86) }
```

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

```
.border{ border-color:rgb(34, 181, 86) }
```

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

Here you see how a box with a 4 pixel rgb(34, 181, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 181, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 181, 86);  
box-shadow:4px 4px 4px 4px rgb(34, 181,  
86) }
```

# Background

The CSS property to change the background color of an element to Android 4280464726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 181, 86) }
```

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

```
.background{ background-color: rgb(34, 181,  
86) }
```

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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