

Converting Colors

Android(4280461864)

Have a look what the booklet for
Android(4280461864) contains.

Android(4280461864)	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(4280461864)

Conversions

Conversions Part 1

Format	Color
Hex	22AA28
RGB	34, 170, 40
RGB Percent	13%, 67%, 16%
CMY	0.8667, 0.3333, 0.8431
CMYK	0.80, 0.00, 0.76, 0.33
HSL	123°, 67%, 40%
HSV	123°, 80%, 67%
XYZ	15.4174, 29.2427, 6.8393
YIQ	114.5160, -39.3260, -69.2620

Conversions

Conversions Part 2

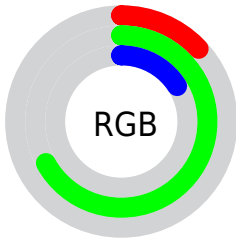
Format	Color
RYB	34, 164, 170
Decimal	2271784
CIELab	61.00, -59.19, 53.25
CIELCh	61, 79.617, 138.026
Yxy	29.2427, 0.2994, 0.5678
Android (android.graphics.Color)	4280461864 (0xFF22AA28)
YUV	114.5160, -36.7364, -70.6125
Hunter-Lab	54.0766, -43.7430, 30.3549

Details

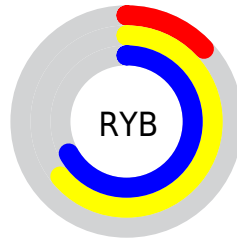
The Android color `4280461864` is a dark color, and the websafe version is hex `009900`. A complement of this color would be `4289340068`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285129567`, and `4278219776` is the 20% darker color. If you saturate the color by 10%, you get `4279347736`, and if you desaturate by 10%, it is `4281575992`.

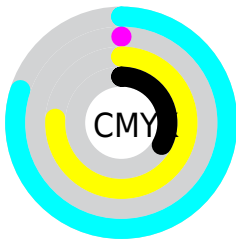
Distribution



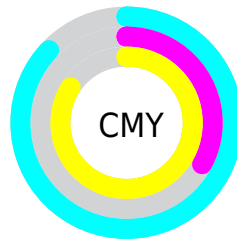
- Red (13%)
- Green (67%)
- Blue (16%)



- Red (13%)
- Yellow (64%)
- Blue (67%)



- Cyan (80%)
- Magenta (0%)
- Yellow (76%)
- Black (33%)



- Cyan (87%)
- Magenta (33%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280461864 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 4280461864 by changing the saturation by 10% instead.



4280461864



4280461864

4294967295



4278226690



4285129567



4278219776



4287102841



4278213120



4289003413



4278206720



4290969520



4278200832



4292935629



4278191872



4294967274



4278190080



4280461864



4280461864



4279347736



4281575992

■ 4278233607

■ 4282690120

■ 4283804249

■ 4284918377

■ 4286032505

■ 4287146633

■ 4288260762

■ 4289374890

■ 4290489018

Harmonies

Analogous

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



4287274240



4280461864



4278235252

Triad

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



4280461864



4278232319



4294919020

Complementary

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



4280461864



4289340068

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.



4294919858



4280461864



4282486271

Square

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



4280461864



4278235131



4291455730



4294403369

Rectangle

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



4280461864



4278235813



4291455730



4294917763

Sweetspot

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



4280461864



4289322667



4289047074



4283461713



4293980400



4285558896

Same Dimension

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



4280461864



4278836754



4280461931



4283192396



4278227975



4278195201

Inverse Universe

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



4289340068



4292741588



4289340001



4283714644



4287889549



4279500820

Previews

White Background



This preview shows how the Android color 4280461864 looks on a white background.

Color Contrast Check

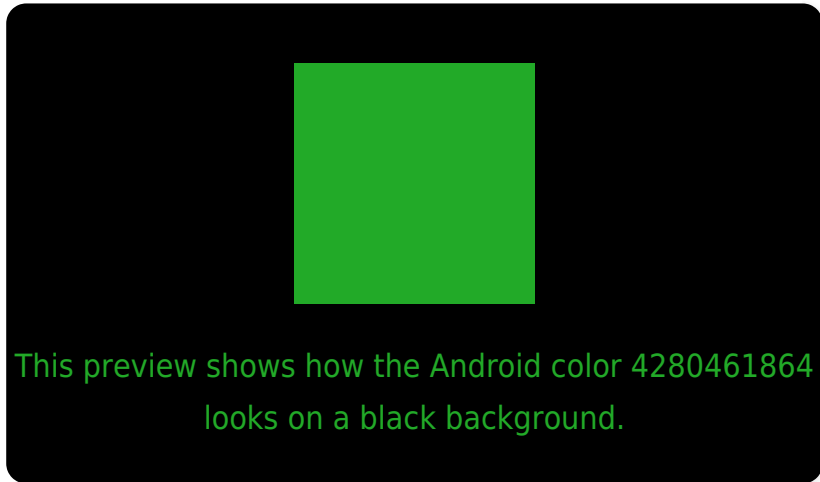
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280461864 Background



This preview shows how black text looks on a background with the Android color 4280461864.



This preview shows how white text looks on a background with the Android color 4280461864.

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
4280461864

Protanopia
4288975394

Deuteranopia
4290153269

Trichromacy



Original Color

4280461864



Protanomaly

4285897508



Deuteranomaly

4286617136



Tritanomaly

4282229371

Monochromacy



Original Color

4280461864



Achromatopsia

4285756275



Achromatomaly

4283860824

CSS Examples

Text

The CSS property to change the color of the text to Android 4280461864 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, 170, 40)` looks like.

```
.text, #text, p{  
    color:rgb(34, 170, 40)  
}
```

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, 170, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 170, 40) }
```

Border

The CSS property to change the border of an element to Android 4280461864 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, 170, 40) }
```

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

```
.border{ border-color:rgb(34, 170, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 170, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 170, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 170, 40);  
box-shadow:4px 4px 4px 4px rgb(34, 170,  
40) }
```

Background

The CSS property to change the background color of an element to Android 4280461864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 170, 40) }
```

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

```
.background{ background-color: rgb(34, 170,  
40) }
```

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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