

Converting Colors

Android(4280410410)

Have a look what the booklet for
Android(4280410410) contains.

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Color

Android(4280410410)

Conversions

Conversions Part 1

Format	Color
Hex	21E12A
RGB	33, 225, 42
RGB Percent	13%, 88%, 16%
CMY	0.8706, 0.1176, 0.8353
CMYK	0.85, 0.00, 0.81, 0.12
HSL	123°, 76%, 51%
HSV	123°, 85%, 88%
XYZ	27.9703, 54.3409, 11.2052
YIQ	146.7300, -55.6890, -97.6170

Conversions

Conversions Part 2

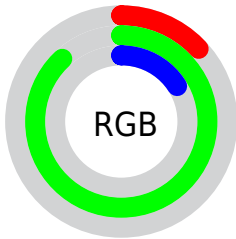
Format	Color
RYB	33, 216, 225
Decimal	2220330
CIELab	78.66, -75.44, 69.48
CIELCh	79, 102.565, 137.355
Yxy	54.3409, 0.2991, 0.5811
Android (android.graphics.Color)	4280410410 (0xFF21E12A)
YUV	146.7300, -51.6319, -99.7412
Hunter-Lab	73.7163, -61.2749, 42.5891

Details

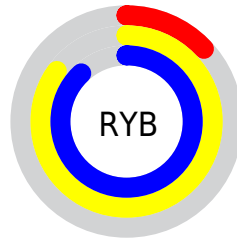
The Android color **4280410410** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **4292944344**, and the grayscale version is **4287861651**.

A 20% lighter version of the original color is **4285988712**, and **4278233088** is the 20% darker color. If you saturate the color by 10%, you get **4278903061**, and if you desaturate by 10%, it is **4281852223**.

Distribution



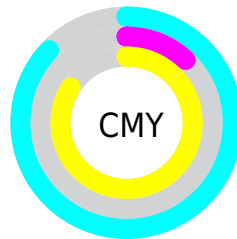
- Red (13%)
- Green (88%)
- Blue (16%)



- Red (13%)
- Yellow (85%)
- Blue (88%)



- Cyan (85%)
- Magenta (0%)
- Yellow (81%)
- Black (12%)



- Cyan (87%)
- Magenta (12%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280410410 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 4280410410 by changing the saturation by 10% instead.

 4280410410

 4280410410

4294967295

 4278240256

 4285988712

 4278233088

 4288151428

 4278225920

 4290248609

 4278219008

 4292345790

 4278212352

 4294442971

 4278205952

 4294967288

 4278199296

 4278190080

 4280410410

 4280410410

■ 4278903061

■ 4281852223

■ 4278247691

■ 4283359573

■ 4284801386

■ 4286308736

■ 4287750549

■ 4289257899

■ 4290699712

■ 4292207062

■ 4293648875

Harmonies

Analogous

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



4290170624



4280410410



4278250133

Triad

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



4280410410



4278246143



4294922128

Complementary

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



4280410410



4292944344

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.



4294923503



4280410410



4281711615

Square

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



4280410410



4278249727



4294937599



4294934835

Rectangle

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



4280410410



4278250712



4294937599



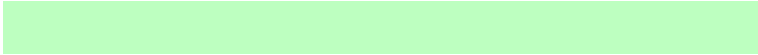
4294920112

Sweetspot

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



4280410410



4290641856



4292600097



4283990106



4278190080



4286611584

Same Dimension

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



4280410410



4278255372



4280410503



4284837990



4278235144



4278202370

Inverse Universe

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



4292944344



4294902003



4292944251



4285556080



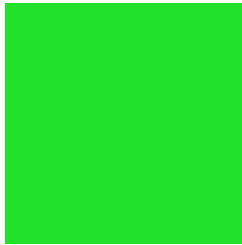
4289724584



4281335854

Previews

White Background



This preview shows how the Android color 4280410410 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



This preview shows how the Android color 4280410410 looks on a 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 4280410410 Background



This preview shows how black text looks on a background with the Android color 4280410410.



This preview shows how white text looks on a background with the Android color 4280410410.

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
4280410410

Protanopia
4292460834

Deuteranopia
4294031167

Trichromacy



Original Color

4280410410



Protanomaly

4288072997



Deuteranomaly

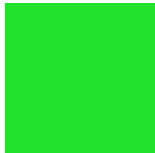
4289054263



Tritanomaly

4283094943

Monochromacy



Original Color

4280410410



Achromatopsia

4287861651



Achromatomaly

4285181805

CSS Examples

Text

The CSS property to change the color of the text to Android 4280410410 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(33, 225, 42)` looks like.

```
.text, #text, p{  
    color:rgb(33, 225, 42)  
}
```

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(33, 225, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 225, 42) }
```

Border

The CSS property to change the border of an element to Android 4280410410 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(33, 225, 42) }
```

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

```
.border{ border-color:rgb(33, 225, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 225, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 225, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 225, 42);  
box-shadow:4px 4px 4px 4px rgb(33, 225,  
42) }
```

Background

The CSS property to change the background color of an element to Android 4280410410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 225, 42) }
```

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

```
.background{ background-color: rgb(33, 225,  
42) }
```

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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