

Converting Colors

Android(4281595246)

Have a look what the booklet for
Android(4281595246) contains.

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Color

Android(4281595246)

Conversions

Conversions Part 1

Format	Color
Hex	33F56E
RGB	51, 245, 110
RGB Percent	20%, 96%, 43%
CMY	0.8000, 0.0392, 0.5686
CMYK	0.79, 0.00, 0.55, 0.04
HSL	138°, 91%, 58%
HSV	138°, 79%, 96%
XYZ	36.8321, 67.1344, 25.7688
YIQ	171.6040, -72.2890, -83.1130

Conversions

Conversions Part 2

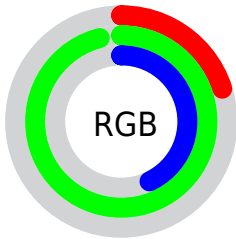
Format	Color
R _{YB}	51, 200, 245
Decimal	3405166
CIE Lab	85.57, -73.28, 51.41
CIE LCh	86, 89.516, 144.947
Yxy	67.1344, 0.2839, 0.5175
Android (android.graphics.Color)	4281595246 (0xFF33F56E)
YUV	171.6040, -30.3708, -105.7697
Hunter-Lab	81.9356, -63.1470, 38.7081

Details

The Android color `4281595246` is a dark color, and the websafe version is hex `33FF66`. The color can be described as middle washed spring green. A complement of this color would be `4294259642`, and the grayscale version is `4289506476`.

A 20% lighter version of the original color is `4286709668`, and `4278238009` is the 20% darker color. If you saturate the color by 10%, you get `4279956829`, and if you desaturate by 10%, it is `4283233663`.

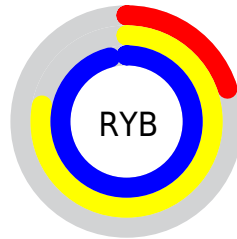
Distribution



Red (20%)

Green (96%)

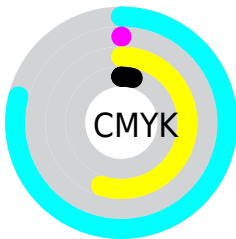
Blue (43%)



Red (20%)

Yellow (78%)

Blue (96%)

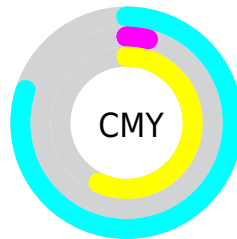


Cyan (79%)

Magenta (0%)

Yellow (55%)

Black (4%)



Cyan (80%)


Magenta (4%)


Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281595246 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 4281595246 by changing the saturation by 10% instead.

 4281595246

 4281595246

4294967295

 4278245459

 4286709668

 4278238009

 4288806848

 4278230811

 4290904029

 4278223872

 4293001210

 4278216960


 4278210304

 4278204160

 4278197248

 4278190080

 4281595246

 4281595246

 4279956829

 4283233663

 4278383948

 4284806544

 4278252875

 4286444961

 4288017842

 4289656259

 4291229140

 4292867557

 4294440438

 4294964735

Harmonies

Analogous

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



4290438681



4281595246



4278254788

Triad

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



4281595246



4278248703



4294936468

Complementary

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



4281595246



4294259642

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.



4294934760



4281595246



4290234111

Square

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



4281595246



4278253311



4294942463



4294945352

Rectangle

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



4281595246



4278255103



4294942463



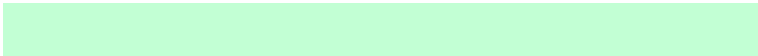
4294934703

Sweetspot

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



4281595246



4290969556



4290508083



4284186726



4278190080



4286611584

Same Dimension

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



4281595246



4279107414



4281595342



4285430386



4278237753



4278205202

Inverse Universe

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



4294259642



4294905269



4294259546



4286213751



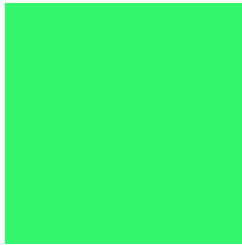
4290379906



4282056745

Previews

White Background



This preview shows how the Android color 4281595246 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 4281595246 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 4281595246 Background



This preview shows how black text looks on a background with the Android color 4281595246.

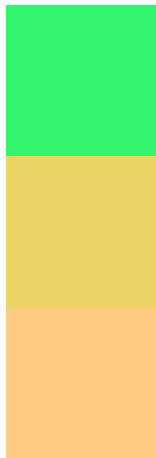


This preview shows how white text looks on a background with the Android color 4281595246.

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
4281595246

Protanopia
4293645411

Deuteranopia
4294953858

Trichromacy



Original Color

4281595246



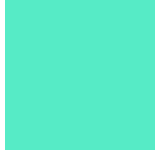
Protanomaly

4289257575



Deuteranomaly

4290108027



Tritanomaly

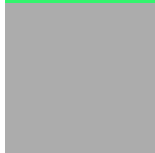
4283886534

Monochromacy



Original Color

4281595246



Achromatopsia

4289506476



Achromatomaly

4286629781

CSS Examples

Text

The CSS property to change the color of the text to Android 4281595246 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(51, 245, 110)` looks like.

```
.text, #text, p{  
    color:rgb(51, 245, 110)  
}
```

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(51, 245, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 245, 110) }
```

Border

The CSS property to change the border of an element to Android 4281595246 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(51, 245, 110) }
```

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

```
.border{ border-color:rgb(51, 245, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 245, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 245, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 245, 110);  
box-shadow:4px 4px 4px 4px rgb(51, 245,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4281595246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 245, 110) }
```

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

```
.background{ background-color: rgb(51, 245,  
110) }
```

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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