

Converting Colors

Android(4283677022)

Have a look what the booklet for
Android(4283677022) contains.

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Color

Android(4283677022)

Conversions

Conversions Part 1

Format	Color
Hex	53B95E
RGB	83, 185, 94
RGB Percent	33%, 73%, 37%
CMY	0.6745, 0.2745, 0.6314
CMYK	0.55, 0.00, 0.49, 0.27
HSL	126°, 42%, 53%
HSV	126°, 55%, 73%
XYZ	22.9366, 37.3451, 16.5891
YIQ	144.1280, -31.5810, -49.9250

Conversions

Conversions Part 2

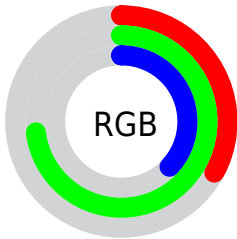
Format	Color
RYB	83, 175, 185
Decimal	5486942
CIELab	67.54, -48.77, 37.21
CIELCh	68, 61.345, 142.662
Yxy	37.3451, 0.2984, 0.4858
Android (android.graphics.Color)	4283677022 (0xFF53B95E)
YUV	144.1280, -24.7131, -53.6093
Hunter-Lab	61.1106, -39.9473, 26.6825

Details

The Android color `4283677022` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290335662`, and the grayscale version is `4287664272`.

A 20% lighter version of the original color is `4287427218`, and `4278813485` is the 20% darker color. If you saturate the color by 10%, you get `4282497357`, and if you desaturate by 10%, it is `4284922223`.

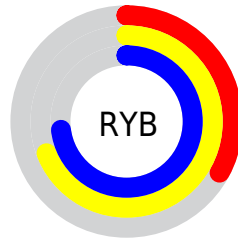
Distribution



Red (33%)

Green (73%)

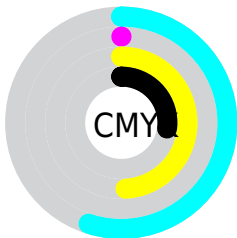
Blue (37%)



Red (33%)

Yellow (69%)

Blue (73%)

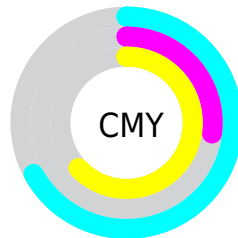


Cyan (55%)

Magenta (0%)

Yellow (49%)

Black (27%)



Cyan (67%)

Magenta (27%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283677022 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 4283677022 by changing the saturation by 10% instead.

 4283677022

 4283677022

4294967295


 4281638469

 4287427218

 4278813485

 4289331117

 4278216979

 4291231689

 4278210560

 4293132261

 4278204416

 4278198784


 4278190080

 4283677022

 4283677022

 4282497357

 4284922223

 4281252157

 4286101887

 4280072492

 4287347088

 4278827292

 4288526752

 4278237460

 4289771953

 4290951617

 4292196818

 4293376482

 4294621683

Harmonies

Analogous

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



4288261685



4283677022



4278238869

Triad

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



4283677022



4278235135



4294931837

Complementary

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



4283677022



4290335662

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.



4294931380



4283677022



4287536127

Square

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



4283677022



4278237948



4292576488



4294281037

Rectangle

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



4283677022



4278239163



4292576488



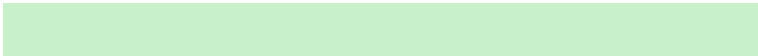
4294931087

Sweetspot

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



4283677022



4291293387



4289706323



4284512354



4294440951



4286085240

Same Dimension

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



4283677022



4283560035



4283677072



4283653204



4278230033



4278197251

Inverse Universe

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



4290335662



4293939679



4290335612



4284240731



4288413835



4280025113

Previews

White Background



This preview shows how the Android color 4283677022 looks on a white background.

Color Contrast Check

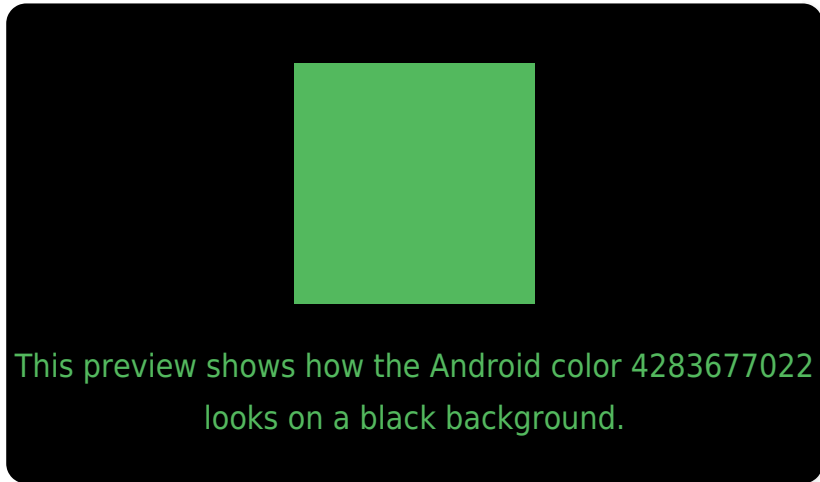
Large Text (above 18pt) WCAG AA × Fail

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 4283677022 Background



This preview shows how black text looks on a background with the Android color 4283677022.



This preview shows how white text looks on a background with the Android color 4283677022.

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
4283677022

Protanopia
4290028374

Deuteranopia
4291140709

Trichromacy



Original Color

4283677022



Protanomaly

4287736665



Deuteranomaly

4288456546



Tritanomaly

4284658586

Monochromacy



Original Color

4283677022



Achromatopsia

4287664272



Achromatomaly

4286226302

CSS Examples

Text

The CSS property to change the color of the text to Android 4283677022 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(83, 185, 94)` looks like.

```
.text, #text, p{  
    color:rgb(83, 185, 94)  
}
```

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(83, 185, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 185, 94) }
```

Border

The CSS property to change the border of an element to Android 4283677022 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(83, 185, 94) }
```

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

```
.border{ border-color:rgb(83, 185, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 185, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 185, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 185, 94);  
box-shadow:4px 4px 4px 4px rgb(83, 185,  
94) }
```

Background

The CSS property to change the background color of an element to Android 4283677022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 185, 94) }
```

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

```
.background{ background-color: rgb(83, 185,  
94) }
```

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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