

Converting Colors

Android(4283553032)

Have a look what the booklet for
Android(4283553032) contains.

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Color

Android(4283553032)

Conversions

Conversions Part 1

Format	Color
Hex	51D508
RGB	81, 213, 8
RGB Percent	32%, 84%, 3%
CMY	0.6824, 0.1647, 0.9686
CMYK	0.62, 0.00, 0.96, 0.16
HSL	99°, 93%, 43%
HSV	99°, 96%, 84%
XYZ	27.2314, 49.3554, 8.3210
YIQ	150.1620, -12.8670, -91.7390

Conversions

Conversions Part 2

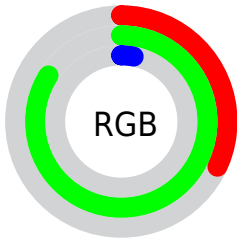
Format	Color
RYB	8, 213, 140
Decimal	5362952
CIELab	75.67, -65.52, 73.18
CIELCh	76, 98.225, 131.837
Yxy	49.3554, 0.3207, 0.5813
Android (android.graphics.Color)	4283553032 (0xFF51D508)
YUV	150.1620, -70.0859, -60.6551
Hunter-Lab	70.2534, -53.7537, 42.1549

Details

The Android color `4283553032` is a dark color, and the websafe version is hex `33CC00`. The color can be described as dark washed green. A complement of this color would be `4287367381`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4287758166`, and `4278230272` is the 20% darker color. If you saturate the color by 10%, you get `4283225344`, and if you desaturate by 10%, it is `4284470557`.

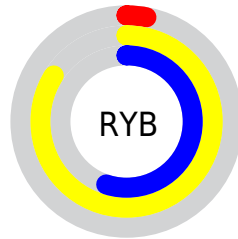
Distribution



Red (32%)

Green (84%)

Blue (3%)



Red (3%)

Yellow (84%)

Blue (55%)

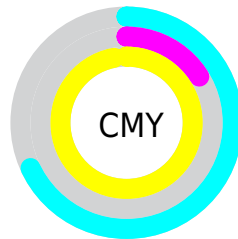


Cyan (62%)

Magenta (0%)

Yellow (96%)

Black (16%)



Cyan (68%)

Magenta (16%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283553032 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 4283553032 by changing the saturation by 10% instead.

 4283553032

 4283553032

4294967295

 4280924416

 4287758166

 4278230272

 4289789811

 4278223360

 4291821456

 4278216704

 4293853101

 4278210048

 4294967242

 4278204160

 4294967272

 4278197248

 4278190080

 4283553032

 4283553032

■ 4283225344

■ 4284470557

■ 4285322547

■ 4286240072

■ 4287157597

■ 4288075123

■ 4288927112

■ 4289844637

■ 4290762162

■ 4291614152

Harmonies

Analogous

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



4290822656



4283553032



4278247294

Triad

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



4283553032



4278244607



4294920603

Complementary

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



4283553032



4287367381

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.



4294925301



4283553032



4278237951

Square

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



4283553032



4278247679



4293496831



4294931523

Rectangle

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



4283553032



4278247870



4293496831



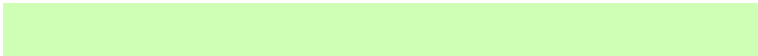
4294920121

Sweetspot

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



4283553032



4291821493



4292184584



4284710995



4278190080



4286611584

Same Dimension

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



4283553032



4284219136



4278768931



4284771168



4282231552



4279184128

Inverse Universe

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



4287367381



4288938239



4292151482



4284964971



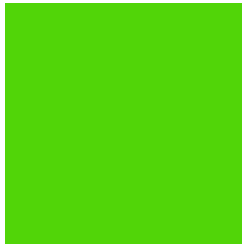
4285399211



4280025131

Previews

White Background



This preview shows how the Android color 4283553032 looks on a white background.

Color Contrast Check

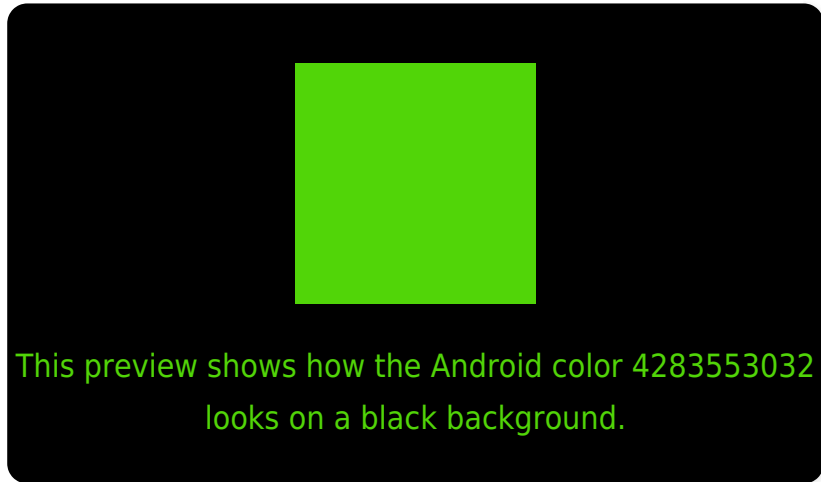
Large Text (above 18pt) WCAG AA × Fail

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 4283553032 Background



This preview shows how black text looks on a background with the Android color 4283553032.



This preview shows how white text looks on a background with the Android color 4283553032.

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
4283553032

Protanopia
4291934464

Deuteranopia
4293504813

Trichromacy



Original Color

4283553032



Protanomaly

4288856835



Deuteranomaly

4289903904



Tritanomaly

4285057931

Monochromacy



Original Color

4283553032



Achromatopsia

4288059030



Achromatomaly

4286426466

CSS Examples

Text

The CSS property to change the color of the text to Android 4283553032 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(81, 213, 8)` looks like.

```
.text, #text, p{  
    color:rgb(81, 213, 8)  
}
```

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(81, 213, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 213, 8) }
```

Border

The CSS property to change the border of an element to Android 4283553032 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(81, 213, 8) }
```

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

```
.border{ border-color:rgb(81, 213, 8) }
```

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

Here you see how a box with a 4 pixel rgb(81, 213, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 213, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 213, 8);  
box-shadow:4px 4px 4px 4px rgb(81, 213, 8)  
}
```

Background

The CSS property to change the background color of an element to Android 4283553032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 213, 8) }
```

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

```
.background{ background-color: rgb(81, 213,  
8) }
```

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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