

# Converting Colors

Android(4283475502)

Have a look what the booklet for  
Android(4283475502) contains.

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# Color

**Android(4283475502)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50A62E
RGB	80, 166, 46
RGB Percent	31%, 65%, 18%
CMY	0.6863, 0.3490, 0.8196
CMYK	0.52, 0.00, 0.72, 0.35
HSL	103°, 57%, 42%
HSV	103°, 72%, 65%
XYZ	17.4376, 29.1752, 7.2971
YIQ	126.6060, -12.7360, -55.5520

# Conversions

## Conversions Part 2

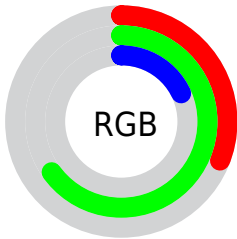
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	46, 166, 132
Decimal	5285422
CIE <sub>Lab</sub>	60.94, -47.51, 51.41
CIE <sub>LCh</sub>	61, 70.002, 132.742
Yxy	29.1752, 0.3235, 0.5412
Android (android.graphics.Color)	4283475502 (0xFF50A62E)
YUV	126.6060, -39.7388, -40.8735
Hunter-Lab	54.0140, -36.8985, 29.8000

# Details

The Android color `4283475502` is a dark color, and the websafe version is hex `339933`. A complement of this color would be `4286852774`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4287225443`, and `4278743296` is the 20% darker color. If you saturate the color by 10%, you get `4282689053`, and if you desaturate by 10%, it is `4284261951`.

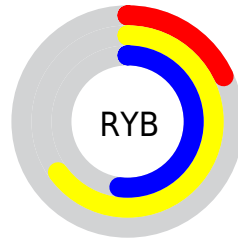
# Distribution



Red (31%)

Green (65%)

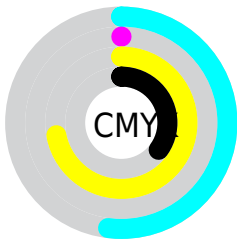
Blue (18%)



Red (18%)

Yellow (65%)

Blue (52%)

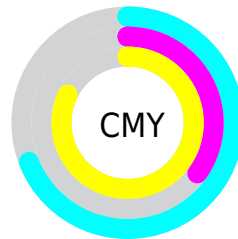


Cyan (52%)

Magenta (0%)

Yellow (72%)

Black (35%)



Cyan (69%)

Magenta (35%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283475502 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 4283475502 by changing the saturation by 10% instead.





4283475502



4283475502

4294967295



4281502478



4287225443



4278743296



4289067902



4278212608



4290969497



4278206208



4292870069



4278200832



4294836177



4278191616



4294967278



4278190080



4283475502



4283475502



4282689053



4284261951

■ 4281902605

■ 4285048399

■ 4281312768

■ 4285834848

■ 4286621296

■ 4287342209

■ 4288128658

■ 4288915106

■ 4289701555

■ 4290488003

# Harmonies

## Analogous

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



4288190464



4283475502



4278234476

# Triad

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



4283475502



4278232319



4294922875

# Complementary

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



4283475502



4286852774

# 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.



4293876409



4283475502



4281438719

# Square

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



4283475502



4278234598



4290213615



4294141761

# Rectangle

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



4283475502



4278235031



4290213615



4294922640



# Sweetspot

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



4283475502



4290238889



4289102894



4284051025



4293783021



4285427310



# Same Dimension

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



4283475502



4283619612



4281247304



4283323468



4280980480



4278588416



# Inverse Universe

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



4286852774



4288879833



4289080972



4283583572



4285137044



4279173140



# Previews

## White Background



This preview shows how the Android color 4283475502 looks on a white background.

## Color Contrast Check

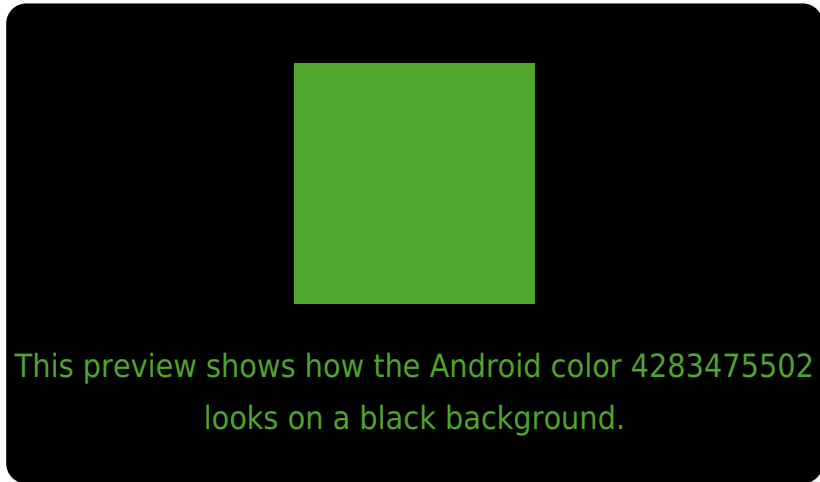
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283475502 Background



This preview shows how black text looks on a background with the Android color 4283475502.



This preview shows how white text looks on a background with the Android color 4283475502.

# 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**

[4283475502](#)

**Protanopia**

[4288975401](#)

**Deuteranopia**

[4290153272](#)



# Trichromacy



**Original Color**  
4283475502

**Protanomaly**  
4286945579

**Deuteranomaly**  
4287730996

**Tritanomaly**  
4284391291

# Monochromacy



**Original Color**  
4283475502

**Achromatopsia**  
4286545791

**Achromatomaly**  
4285435234

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283475502 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(80, 166, 46)` looks like.

```
.text, #text, p{  
    color:rgb(80, 166, 46)  
}
```

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(80, 166, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 166, 46) }
```

## Border

The CSS property to change the border of an element to Android 4283475502 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(80, 166, 46) }
```

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

```
.border{ border-color:rgb(80, 166, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 166, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 166, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 166, 46);  
box-shadow:4px 4px 4px 4px rgb(80, 166,  
46) }
```

# Background

The CSS property to change the background color of an element to Android 4283475502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 166, 46) }
```

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

```
.background{ background-color: rgb(80, 166,  
46) }
```

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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