

# Converting Colors

Android(4283442526)

Have a look what the booklet for  
Android(4283442526) contains.

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# Color

**Android(4283442526)**

# Conversions

## Conversions Part 1

Format	Color
Hex	50255E
RGB	80, 37, 94
RGB Percent	31%, 15%, 37%
CMY	0.6863, 0.8549, 0.6314
CMYK	0.15, 0.61, 0.00, 0.63
HSL	285°, 44%, 26%
HSV	285°, 61%, 37%
XYZ	5.9902, 3.8368, 11.0145
YIQ	56.3550, 7.3310, 26.8430

# Conversions

## Conversions Part 2

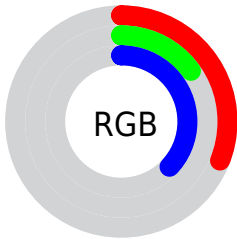
<b>Format</b>	<b>Color</b>
<b>RYB</b>	80, 37, 94
Decimal	5252446
CIELab	23.12, 30.34, -25.73
CIElCh	23, 39.783, 319.695
Yxy	3.8368, 0.2874, 0.1841
Android (android.graphics.Color)	4283442526 (0xFF50255E)
YUV	56.3550, 18.5590, 20.7367
Hunter-Lab	19.5877, 20.3097, -19.6286

# Details

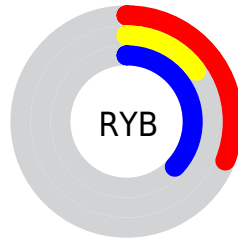
The Android color `4283442526` is a dark color, and the websafe version is hex `663366`. A complement of this color would be `4281556517`, and the grayscale version is `4281874488`.

A 20% lighter version of the original color is `4286796945`, and `4280418352` is the 20% darker color. If you saturate the color by 10%, you get `4283309150`, and if you desaturate by 10%, it is `4283575902`.

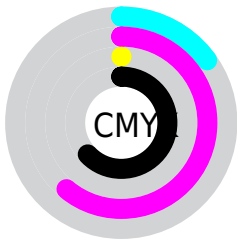
# Distribution



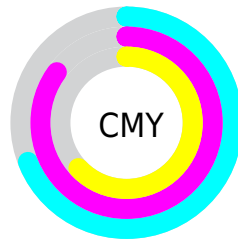
- Red (31%)
- Green (15%)
- Blue (37%)



- Red (31%)
- Yellow (15%)
- Blue (37%)



- Cyan (15%)
- Magenta (61%)
- Yellow (0%)
- Black (63%)



- Cyan (69%)
- Magenta (85%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283442526 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 4283442526 by changing the saturation by 10% instead.



 4283442526

 4283442526

4294967295

 4281863750

 4286796945

 4280418352

 4288572843

 4278190362

 4290348999

 4278190080

 4292190691

 4294098431

 4294957567

 4294964735

 4283442526

 4283442526

■ 4283309150

■ 4283575902

■ 4283109982

■ 4283775070

■ 4282976606

■ 4283908446

■ 4282843230

■ 4284042078

■ 4284240990

■ 4284374366

■ 4284507998

■ 4284641374

■ 4284840542

# Harmonies

## Analogous

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



4280038512



4283442526



4284880451

# Triad

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



4283442526



4283249152



4278207562

# Complementary

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



4283442526



4281556517

# 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.



4278207532



4283442526



4281482240

# Square

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



4283442526



4284556552



4278468876



4278207332

# Rectangle

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



4283442526



4285207599



4278468876



4278207552



# Sweetspot

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



4283442526



4285883514



4280628062



4282003517



4290624957



4282203453



# Same Dimension

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



4283442526



4284752250



4284360016



4281149742



4283629678



4289921261



# Inverse Universe

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



4284359987



4286193975



4280639027



4281215274



4285399067

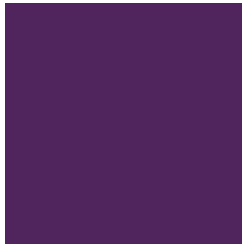


4293722170



# Previews

## White Background



This preview shows how the Android color 4283442526 looks on a white background.

## Color Contrast Check

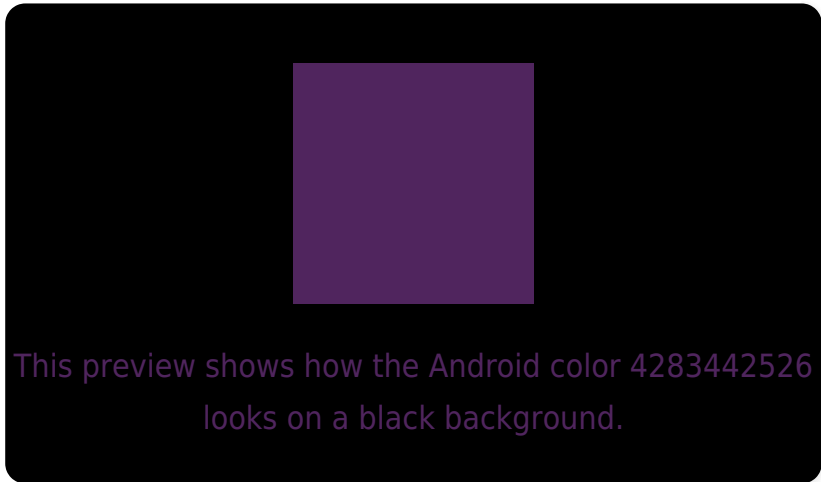
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4283442526 Background



This preview shows how black text looks on a background with the Android color 4283442526.



This preview shows how white text looks on a background with the Android color 4283442526.

# 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**

4283442526

**Protanopia**

4279449199

**Deuteranopia**

4280498266



# Trichromacy



**Original Color**  
4283442526

**Protanomaly**  
4280889449

**Deuteranomaly**  
4281545051

**Tritanomaly**  
4283182403

# Monochromacy



**Original Color**  
4283442526

**Achromatopsia**  
4281874488

**Achromatomaly**  
4282462534

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283442526 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, 37, 94)` looks like.

```
.text, #text, p{  
    color:rgb(80, 37, 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(80, 37, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 37, 94) }
```

## Border

The CSS property to change the border of an element to Android 4283442526 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, 37, 94) }
```

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

```
.border{ border-color:rgb(80, 37, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(80, 37, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 37, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 37, 94);  
box-shadow:4px 4px 4px 4px rgb(80, 37, 94)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283442526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 37, 94) }
```

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

```
.background{ background-color: rgb(80, 37,  
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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