

# Converting Colors

Android(4279524166)

Have a look what the booklet for  
Android(4279524166) contains.

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# Color

**Android(4279524166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	145B46
RGB	20, 91, 70
RGB Percent	8%, 36%, 27%
CMY	0.9216, 0.6431, 0.7255
CMYK	0.78, 0.00, 0.23, 0.64
HSL	162°, 64%, 22%
HSV	162°, 78%, 36%
XYZ	5.1351, 8.0731, 7.0820
YIQ	67.3770, -35.5750, -21.5830

# Conversions

## Conversions Part 2

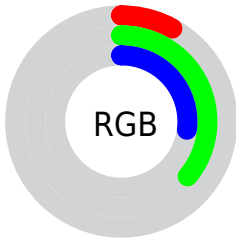
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 62, 91
Decimal	1334086
CIE <sub>Lab</sub>	34.13, -27.08, 6.01
CIE <sub>LCh</sub>	34, 27.737, 167.492
Yxy	8.0731, 0.2531, 0.3979
Android (android.graphics.Color)	4279524166 (0xFF145B46)
YUV	67.3770, 1.2931, -41.5496
Hunter-Lab	28.4132, -17.4631, 5.1112

# Details

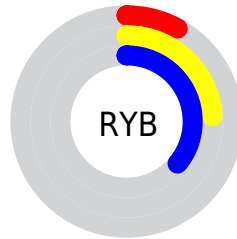
The Android color **4279524166** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **4284159017**, and the grayscale version is **4282598211**.

A 20% lighter version of the original color is **4283141750**, and **4278201371** is the 20% darker color. If you saturate the color by 10%, you get **4278934339**, and if you desaturate by 10%, it is **4280113993**.

# Distribution



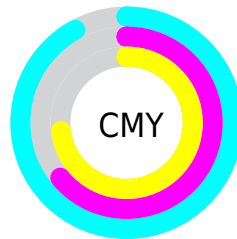
- Red (8%)
- Green (36%)
- Blue (27%)



- Red (8%)
- Yellow (24%)
- Blue (36%)



- Cyan (78%)
- Magenta (0%)
- Yellow (23%)
- Black (64%)



- Cyan (92%)
- Magenta (64%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279524166 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 4279524166 by changing the saturation by 10% instead.



 4279524166

 4279524166

4294967295

 4278207280

 4283141750

 4278201371

 4284852368

 4278195968

 4286629034

 4278190080

 4288405702

 4290248162

 4292083710

 4293984255

 4279524166

 4279524166

■ 4278934339

■ 4280113993

■ 4278344513

■ 4280703819

■ 4278213440

■ 4281293646

■ 4281883473

■ 4282538835

■ 4283128662

■ 4283718489

■ 4284308316

■ 4284898142

# Harmonies

## Analogous

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



4281882674



4279524166



4278213725

# Triad

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



4279524166



4282601082



4285809713

# Complementary

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



4279524166



4284159017

# 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.



4286201668



4279524166



4284630638

# Square

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



4279524166



4279260539



4285874010



4284894245

# Rectangle

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



4279524166



4278213482



4285874010



4286005815



# Sweetspot

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



4279524166



4284118381



4280900372



4280957750



4290427578



4282071867



# Same Dimension

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



4279524166



4278678869



4279520603



4280888877



4278218317



4278250919



# Inverse Universe

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



4284159017



4285859624



4284162580



4281215275



4285399072



4293722182



# Previews

## White Background



This preview shows how the Android color 4279524166 looks on a white background.

## Color Contrast Check

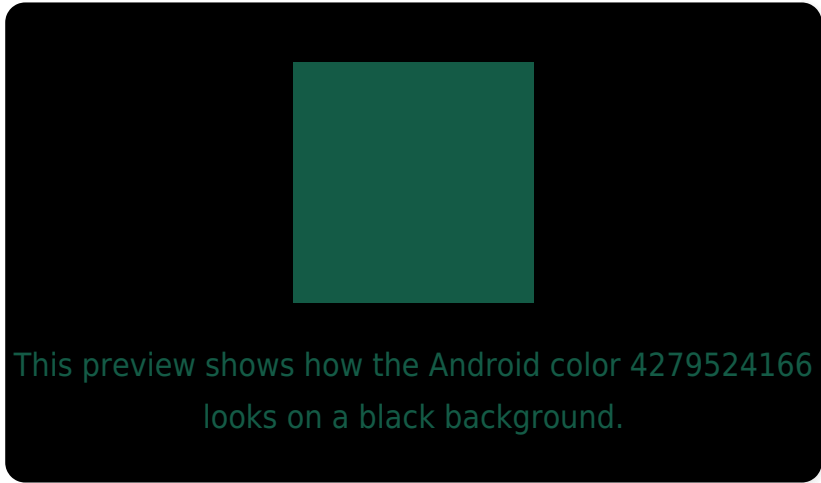
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279524166 Background



This preview shows how black text looks on a background with the Android color 4279524166.



This preview shows how white text looks on a background with the Android color 4279524166.

# 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**  
4279524166

**Protanopia**  
4283781185

**Deuteranopia**  
4284108105



# Trichromacy



**Original Color**  
4279524166

**Protanomaly**  
4282209347

**Deuteranomaly**  
4282470984

**Tritanomaly**  
4280113494

# Monochromacy



**Original Color**  
4279524166

**Achromatopsia**  
4282598211

**Achromatomaly**  
4281486404

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279524166 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(20, 91, 70)` looks like.

```
.text, #text, p{  
    color:rgb(20, 91, 70)  
}
```

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(20, 91, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 91, 70) }
```

## Border

The CSS property to change the border of an element to Android 4279524166 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(20, 91, 70) }
```

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

```
.border{ border-color:rgb(20, 91, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 91, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 91, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 91, 70);  
box-shadow:4px 4px 4px 4px rgb(20, 91, 70)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279524166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 91, 70) }
```

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

```
.background{ background-color: rgb(20, 91,  
70) }
```

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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